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USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

BAD KREUZNACH GERMANY AAF WBAN #34070
N 49 52 E 007 53 ELEV 355 FT EDEH WMO #

PARTS A-F
POR FROM HOURLY OBS NOV 59-DEC 70
POR FROM DAILY OBS APR-SEP 60, JAN-DEC 64,
JAN, FEB, APR-NOV 65,
MAR-DEC 66, FEB-DEC 67,
JAN 68-DEC 70

MAR 0 J 1972

FEDERAL BUILDING
ASHEVILLE, N. C.

372 Pages

Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

Susan V. Berry

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UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS-80/033	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Bad Kreuznach AAF, Bad Kreuznach, Germany		5 TYPE OF REPORT & PERIOD COVERED Final rept. 6 PERFORMING ORG REPORT NUMBER
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18 SUPPLEMENTARY NOTES

19 KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative humidity	*Climatological data	

(over)

20 ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statistical summary of surface weather observations for Bad Kreuznach AAF, Bad Kreuznach, Germany

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

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19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Germany * Bad Kreuznach AAF, DL

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE
PART B PRECIPITATION
SNOWFALL
SNOW DEPTH
PART C SURFACE WINDS
PART D CEILING VERSUS VISIBILITY
SKYCOVER
PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE
EXTREME MAX & MIN TEMP DATA NOT AVAILABLE
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV.
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY
PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY 00-02, 21-23	APRIL 00-02	JULY	OCTOBER 00-02, 21-23
FEBRUARY 00-02, 21-23	MAY 00-02, 21-23	AUGUST 00-02, 21-23	NOVEMBER 00-02, 21-23
MARCH 21-23	JUNE 00-02, 21-23	SEPTEMBER	DECEMBER

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
34070	BAD KREUZNACH GERMANY AAF	N 49 52	E 007 53	355	EDEH	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	~~TYPE~~ BAROMETER	
1	Bad Kreuznach Germany	AAF	Nov 59	Dec 70	N 49 52	E 007 53	355	N/A	8 to 14

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 59 to Feb 61	Located 40 ft E of bldg on top of tower	AN/GMQ-11	None	50 ft	
2	Mar 61 to Feb 62	Located on mast on tower.	No chge	None	60 ft	
3	Mar 62 to Feb 63	Located on top of tower cab.	No chge	None	80 ft	
4	Mar 63 to Feb 67	Located on top of control tower.	No chge	None	55 ft	

USAFETAC FORM APR 68 0-19 (OL A)

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
5	Mar 67 to Feb 69	Located on control tower.	No chge	None	50 ft	
6	Mar 69 to Dec 70	Located atop operations bldg.	No chge	None	15 ft	

NAC-6 AFB, [illegible]

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A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34070 STATION | BAD KREUZNACH GERMANY AAF STATION NAME | 59-70 YEARS | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL		7.8	.8	7.6		15.9	35.3	53.2			70.3	3633
FEB		.0	8.5	.1	7.9		16.0	22.8	48.4	.0		59.2	3379
MAR		.0	7.9	.0	2.5	.0	10.3	14.4	43.7			48.6	4094
APR		.1	8.4		.1		8.6	8.6	34.2			35.8	4179
MAY		.5	7.3			.0	7.3	8.0	24.7			27.3	4205
JUN		1.3	7.0				7.0	6.7	23.0			24.5	4196
JUL		.8	4.2				4.2	5.4	17.6			19.3	4103
AUG		1.1	6.6				6.6	11.0	27.2			31.1	4208
SEP		.3	4.4				4.4	20.6	32.1			61.7	3935
OCT		.0	8.1				8.1	35.8	47.6			62.9	4082
NOV			14.0	.2	3.1		16.8	36.2	50.7			64.6	3814
DEC		.1	9.2	.4	4.9		13.9	30.0	44.0			75.0	3779
TOTALS		.4	7.8	.1	2.2	.0	9.9	21.4	38.9	.0		48.4	47607

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02												
	03-05		6,1	1,0	6,1		13,1	28,3	61,6			69,7	99
	06-08		6,9	1,9	7,9		16,5	42,3	56,6			76,3	800
	09-11		6,9	,9	9,9		17,3	38,0	51,9			70,7	901
	12-14		8,2	,6	9,0		17,6	28,9	50,2			65,6	864
	15-17		8,2	,3	8,1		16,2	31,1	48,8			56,4	795
	18-20		10,3		4,6		14,9	43,1	50,0			73,0	174
	21-23												
TOTALS			7,9	,8	7,6		15,9	33,3	53,2			70,3	3633

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WEATHER CONDITIONS

34070	BAD KREUZNACH GERMANY AAF	60-70	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02												
	03-05		6,6		10,6		19,4	23,7	67,7			74,2	93
	06-08		8,8	,3	7,2		15,9	36,2	50,7			67,6	759
	9-11		9,9		7,5		16,5	31,4	50,5	,1		65,2	831
	12-14		8,4	,1	6,1		14,3	17,8	44,5			53,9	798
	15-17	,1	6,5		6,2		12,7	14,5	38,8			48,0	739
	18-20		8,8		9,4		17,0	13,2	38,4			46,5	739
	21-23												
TOTALS		,0	8,5	,1	7,9		16,0	22,8	48,4	,0		59,2	3379

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WEATHER CONDITIONS

24070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02												3
	03-05		9.0		5.1		14.1	30.8	79.5			88.5	78
	06-08	.1	9.8		3.9		13.5	30.2	56.2			67.9	949
	09-11		7.8		3.1		10.9	18.8	53.0			59.5	966
	12-14		9.2	.1	2.3		11.2	6.6	41.9			44.7	930
	15-17	.2	9.4		1.2	.1	10.7	4.2	35.5			37.2	890
	18-20		10.1		2.2		11.5	10.1	39.6			42.1	278
	21-23												
TOTALS		.0	7.9	.0	2.8	.0	10.8	14.4	43.7			48.6	4094

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DATA PROCESSING DIVISION
USAF ETAC
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WEATHER CONDITIONS

34070 STATION | BAD KREUZNACH GERMANY AAF STATION NAME | 60-70 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02												
	03-05		4.6				4.6	23.1	62.3			64.6	130
	06-08	.1	10.2		.2		10.4	25.3	45.9			52.6	929
	09-11	.2	8.9		.3		9.3	9.1	41.5			43.8	951
	12-14	.1	10.6		.1		10.6	1.7	23.9			24.2	924
	15-17	.2	10.6		.3		10.8	.1	17.3			17.5	688
	18-20	.3	8.9				8.9	.9	21.9			21.9	338
	21-23		5.3				5.3		26.3			26.3	19
TOTALS		.1	8.4		.1		8.6	8.6	34.2			35.8	4179

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WEATHER CONDITIONS

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02												
	03-05		9.4				9.4	21.1	52.3			54.7	128
	06-08		9.2				9.2	19.3	37.7			45.8	944
	09-11	.1	6.6				6.6	5.1	26.9			30.3	957
	12-14	.9	6.3				6.3	1.3	12.3			13.2	936
	15-17	.7	5.9			.1	6.0	1.0	8.4			9.0	903
	18-20	1.2	6.2				6.2	.3	10.7			10.7	337
	21-23												
TOTALS		.5	7.3			.0	7.3	8.0	24.7			27.3	4205

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02												
	03-05		4.7				4.7	16.4	43.8			46.1	128
	06-08	.3	7.3				7.3	18.2	40.7			45.8	945
	09-11	.5	6.3				6.3	4.2	28.8			30.1	962
	12-14	1.5	6.9				6.9	.4	12.6			12.6	942
	15-17	2.7	8.0				8.0	.6	5.7			5.8	895
	18-20	2.5	9.0				9.0	.3	6.5			6.8	324
	21-23												
TOTALS		1.3	7.0				7.0	6.7	23.0			24.5	4196

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WEATHER CONDITIONS

34070 STATION | BAD KREUZNACH GERMANY AAF STATION NAME | 60-70 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02												3
	03-05	.8	3.2				3.2	13.5	46.8			48.4	126
	06-08	.6	5.5				5.5	19.8	37.5			45.4	929
	09-11	.2	6.8				6.8	4.7	26.7			28.9	944
	12-14	1.1	5.3				5.3	1.4	12.3			13.3	914
	15-17	2.1	6.0				6.0	1.2	8.4			8.8	862
	18-20	1.6	7.1				7.1	2.5	9.3			9.9	322
	21-23												3
TOTALS		.8	4.2				4.2	5.4	17.6			19.3	4103

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24070 STATION | BAD KREUZNACH GERMANY AAF STATION NAME | 60-70 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02												
	03-05		7.6				7.6	23.5	51.5			55.3	132
	06-08	.5	6.8				6.8	29.6	40.0			53.1	956
	09-11	.1	5.8				5.8	7.1	35.1			38.3	966
	12-14	.5	5.9				5.9	1.5	17.6			18.2	939
	15-17	2.5	6.2				6.2	1.5	10.0			11.3	890
	18-20	2.6	7.4				7.4	2.5	8.9			10.2	325
	21-23												
TOTALS		1.1	6.6				6.6	11.0	27.2			31.1	4208

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34070 STATION | BAD KREUZNACH GERMANY AAF STATION NAME | 60-70 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02								100.0			100.0	1
	03-05		6.0				6.0	45.3	57.3			72.6	117
	06-08		6.2				6.2	36.6	48.1			71.5	882
	09-11	.1	4.7				4.7	24.8	51.3			60.2	898
	12-14		5.2				5.2	5.8	34.0			35.5	873
	15-17	.9	6.5				6.5	2.2	22.0			23.1	845
	18-20	1.3	6.7				6.7	4.8	29.3			30.6	314
	21-23							25.0	75.0			100.0	4
TOTALS		.3	4.4				4.4	20.6	52.1			61.7	3935

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34070 STATION | BAD KREUZNACH GERMANY AAF STATION NAME | 60-70 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02												
	03-05		6.0				6.0	47.0	64.0			81.0	100
	06-08		9.8				9.8	39.2	46.6			74.2	916
	09-11		10.5				10.5	45.2	49.3			69.5	950
	12-14		7.9				7.9	23.1	44.7			55.2	921
	15-17	.2	7.5				7.5	13.7	38.0			44.4	890
	18-20		6.9				6.9	26.6	48.0			52.8	305
	21-23												
TOTALS		.0	8.1				8.1	35.0	47.6			62.9	4082

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34070 STATION | BAD KREUZNACH GERMANY AAF STATION NAME | 59-70 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02												
	03-05		14.3		2.2		15.4	41.8	56.0			70.3	91
	06-08		13.2		3.6		16.4	47.6	49.8			68.3	843
	09-11		15.0		3.4		18.1	44.2	48.0			65.5	936
	12-14		13.5	.2	2.8		16.0	30.7	48.2			60.4	898
	15-17		11.3	.2	2.3		13.6	26.1	47.6			57.1	823
	18-20		16.6	.9	4.5		21.5	38.6	54.3			65.9	223
	21-23												
TOTALS			14.0	.2	3.1		16.6	38.2	50.7			64.6	3814

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
1 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
59-70 — YEARS
DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PREC'P	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02							100.0				100.0	1
	03-05		9.5	1.2	4.8		14.3	32.1	61.9			73.8	84
	06-08		14.4	.2	9.4		23.8	37.6	51.7			69.5	806
	09-11		11.0	.9	8.4		19.4	37.5	48.1			65.0	955
	12-14		9.3	.4	6.8		15.4	31.5	47.1			63.1	913
	15-17		11.5	.1	4.2		15.4	27.4	45.2			61.0	806
	18-20	.5	17.5	.5	5.7		22.6	34.0	48.1			67.5	212
	21-23							100.0	50.0			100.0	2
TOTALS		.1	9.2	.4	4.9		13.9	50.0	44.0			75.0	3779

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, [redacted]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

34070 — STATION
BAD KREUZANCH GERMANY AAF — STATION NAME
65-70 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN																		
FEB																		
MAR	22.6	19.4	12.9	16.1	14.5	11.3	3.2							58.1	62	1.41	1.62	1.19
APR	29.6	13.3	9.2	22.5	9.2	17.5	1.7	.8						60.8	120	1.74	2.54	1.14
MAY	36.6	16.1	6.5	19.4	8.6	7.5	1.1	4.3						47.3	93	1.74	2.00	1.20
JUN	40.0	16.0	4.7	14.0	6.0	9.3	6.0	3.3	.7					44.0	150	2.41	3.92	1.21
JUL	34.4	14.0	6.5	11.8	12.9	8.6	10.8	1.1						51.6	93	2.26	2.94	1.38
AUG	43.0	10.0	5.4	15.1	4.3	8.6	5.4	4.3	3.2					46.2	93	3.91	6.95	2.08
SEP	25.0	23.3	3.3	23.3	3.3	11.7	6.7	1.7	1.7					51.7	60	2.77	3.60	1.93
OCT	54.8	16.1	7.5	7.5	7.5	3.2	1.1	1.1	1.1					29.0	93	1.28	3.44	.20
NOV		30.0	3.3	30.0	6.7	10.0	13.3	6.7						70.0	30	3.81	3.81	3.81
DEC																		
ANNUAL	31.4	17.7	6.6	17.7	8.1	9.7	5.3	2.6	.7					51.0	794	21.33		

1210-WS FORM JUL 64 0-15-5-(OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 65-70 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
65				.24	.67	.74	.52	.83	.36	.07	.78		
66			.24	.29	.65	.78	.42			1.28			
67			.41	.72	.83	.28	.42	.72	1.30				
68						1.42		2.35					
69						.39				.17			
70				.40									
MEAN			.28	.41	.68	.72	.48	1.30	.99	.54	.78		
S.D.				.215		.446							
TOTAL OBS.			62	120	93	150	53	93	60	93	30		794

USAF ETAC FORM JUL 64 0-98-5 (OLI)

1 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
FROM DAILY OBSERVATIONS

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 65-70 (YEARS)

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
60				0	0	0	0	0	0				PRECIP
													DAYS
64	0	0	0	0	0	0	0	0	0	0	0	0	PRECIP
													DAYS
65	0	0											PRECIP
													DAYS
66								.98	.16		.35	.39	PRECIP
								30	29		29	30	DAYS
67		.20								.70			PRECIP
		25								29	0	0	DAYS
68	.04	.86	.29	.76	.46		.44		.84	.70	.26	.30	PRECIP
	1	20	22	23	30		30		28	26	27	30	DAYS
69	.21	.34	.40	.26	.36		.44	1.99	.06		.06	.12	PRECIP
	29	27	30	29	29		29	29	28		28	29	DAYS
70	.57	.38	.17		.60	.58	.64	.43	.46	.23	.18	.34	PRECIP
	30	27	29		27	26	19	23	21	25	21	18	DAYS
MEAN													
S. D.													
TOTAL OBS.													

USAF ETAC FORM JUL 64 0-88-5 (OLI)

1 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

34070 STATION — BAD KREUZNACH GERMANY EAF STATION NAME — 68-70 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02 .05	.06 .10	.11 .25	.26 .50	.51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN																		
FEB																		
MAR																		
APR	86.7	13.3													60	TRACE	TRACE	TRACE
MAY																		
JUN	100.0														30	.0	.0	.0
JUL																		
AUG																		
SEP																		
OCT	100.0														62	.0	.0	.0
NOV																		
DEC																		
ANNUAL	93.6	6.4													152	.0		

1210 WS FORM JUL 64 0-15-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
FROM DAILY OBSERVATIONS

94070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60 68-70 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
68										.0			
69				TRACE		.0				.0			
70				TRACE									
MEAN				TRACE		.00				.00			
S.D.													
TOTAL OBS.				60		30				62			152

USAF ETAC FORM NO. 0-88-5 (OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
FROM DAILY OBSERVATIONS

34070 STATION — BAD KREUZANCH GERMANY AAF STATION NAME — 60, 68-70 YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
60					.0	.0	.0						SNOFALL
				0	25	26	25	0	0				DAYS
64													SNOFALL
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
65													SNOFALL
	0	0		0	0	0	0	0	0	0	0		DAYS
66													SNOFALL
			0	0	0	0	0	0	0	0	0	0	DAYS
67													SNOFALL
		0	0	0	0	0	0	0	0	0	0	0	DAYS
68	.0	TRACE									1.0	1.0	SNOFALL
	1	20	0	0	0	0	0	0	0		28	30	DAYS
69	1.6	3.4	TRACE		.0		.0	.0	.0		TRACE	1.5	SNOFALL
	29	27	30		30		29	29	29		28	29	DAYS
70	5.3	.6	1.8		.0	.0	.0	.0	.0	.0	.0	3.0	SNOFALL
	30	27	29		27	29	25	26	24	27	23	22	DAYS
MEAN													
S.D.													
TOTAL OBS.													

USAF-ETAC FORM JUL 64 0-88-5(OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

34070 STATION — BAD KREUZANCH GERMANY AAF STATION NAME — 64-65, 67-70 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26-50	51 100	101 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5-6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN																		
FEB																		
MAR	100.0														62			
APR	100.0														120			
MAY	100.0														31			
JUN	100.0														120			
JUL	100.0														31			
AUG	100.0														93			
SEP	100.0														30			
OCT	100.0														93			
NOV																		
DEC																		
ANNUAL	100.0														580			

1210 WS FORM JUL 64 0-15-5 (OL.I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS

36070 (STATION) BAD KREUZANCH GERMANY AAF (STATION NAME) 60, 64-65, 67-70 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
64			0	0		0		0					
65										0			
67			0	0	0	0	0	0	0				
68						0		0		0			
69				0		0				0			
70				0									
MEAN			.0	.0	.0	.0	.0	.0	.0	.0			
S.D.				.000		.000							
TOTAL OBS.			62	120	31	120	31	93	30	93			580

USAF ETAC FORM JUL 64 0-88-5 (OLI)

1 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS

34070 (STATION) BAD KREUZANCH GERMANY AAF (STATION NAME) 60, 64-65, 67-70 (YEARS)

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
60				0 26	0 25	0 26	0 25	0 26	0 26				SNO DPTH DAYS
64	2 29	1 27			0 28		0 28		0 21	0 22	0 23	2 26	SNO DPTH DAYS
65	3 30	1 27		0	0	0	0	0	0		0		SNO DPTH DAYS
66			0	0	0	0	0	0	0	0	0	0	SNO DPTH DAYS
67		0								0 30	0 26	2 20	SNO DPTH DAYS
68	4 22	3 21	0 26	0 27	0 30		0 30		0 29		1 26	1 30	SNO DPTH DAYS
69	2 30	7 27	0 30		0 30		0 29	0 29	0 29		0 28	2 29	SNO DPTH DAYS
70	5 30	2 27	2 29		0 27	0 29	0 25	0 26	0 24	0 27	0 23	4 25	SNO DPTH DAYS
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM JUL 64 0-88-5 (OLI)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

   NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

   A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

   a. Three tables are prepared for all surface winds included, and for all years combined as follows:

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

C

1 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

36070 STATION — BAD KREUZANCH GERMANY AAF STATION NAME — 70 YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
70										26/ 29	25/ 33	31/ 32	WINDS
	0	0	0	0	0	0	0	0	0	17	14	19	DAYS
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM AW 44, 0-68-S (OLI)

DATA PROCESSING DIVISION
ETAC/USAF
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) LL (MONTH)

ALL WEATHER (CLASS) LL (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	1.5	.3	.0							3.7	5.7
NNE	.7	1.3	.9	.1								3.[illegible]	5.6
NE	.7	1.3	1.0	.3	.0							3.[illegible]	5.1
ENE	.8	1.4	1.4	.6	.0							4.[illegible]	5.7
E	1.1	2.5	1.8	.4	.0	.0						5.[illegible]	5.1
ESE	.4	1.0	.4	.0								1.[illegible]	5.3
SE	.2	.6	.3	.0								1.[illegible]	5.[illegible]
SSE	.2	.4	.2	.0								[illegible]	5.3
S	.4	.8	.6	.1	.0							1.[illegible]	5.[illegible]
SSW	.5	1.2	1.5	.5	.0	.0						3.7	7.2
SW	.5	2.5	4.4	1.7	.2	.0	.0					9.[illegible]	[illegible]
WSW	.9	2.7	5.4	2.5	.2	.0	.0					11.[illegible]	[illegible]
W	1.0	2.5	4.1	2.2	.1	.0	.0					10.[illegible]	[illegible]
WNW	.2	.7	1.0	.5	.0							2.4	[illegible]
NW	.2	.6	.8	.3	.0							1.[illegible]	7.7
NNW	.2	.6	.7	.3	.0							1.7	7.5
VARBL	1.3	.7	.1	.0	.0							2.1	3.5
CALM												31.4	
	9.9	22.1	26.0	9.9	.6	.1	.0					100.[illegible]	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS 47607

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) LL (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	1.0	.1								2.5	5.4
NNE	.7	1.4	.5	.0								2.7	[illegible]
NE	1.2	1.5	.8	.2								3.7	5.2
ENE	1.6	1.7	2.0	.9								6.2	5.7
E	2.0	3.5	2.2	.5								8.2	5.[illegible]
ESE	.4	.9	.1	.1								1.5	4.5
SE	.4	.4	.1	.0								1.[illegible]	4.2
SSE	.3	.2	.1									.4	4.2
S	.5	.6	.3	.1								1.[illegible]	[illegible]
SSW	.4	1.1	1.5	.6	.0							3.7	7.7
SW	.5	2.2	4.4	1.8	.2							9.2	[illegible]
WSW	.5	2.8	6.3	2.7	.1	.1						12.5	[illegible]
W	.6	1.9	3.5	1.1	.1							7.2	7.4
WNW	.1	.6	.2	.1								1.[illegible]	6.[illegible]
NW	.1	.2	.2	.2								.7	7.4
NNW	.1	.3	.1	.1								.5	6.1
VARBL	.8	.2										1.[illegible]	2.3
CALM												36.3	
	10.8	20.6	23.3	8.4	.5	.1						100.[illegible]	4.5

TOTAL NUMBER OF OBSERVATIONS 3633

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.7	1.3	.6								4.5	5.6
NNE	.7	1.1	.7	.2								2.6	5.2
NE	.6	1.2	1.2	.6	.1							3.7	7.4
ENE	.9	1.8	1.4	1.2	.0							5.2	7.5
E	1.0	2.8	1.7	.3	.0							5.8	6.2
ESE	.5	.9	.3									1.7	4.7
SE	.1	.3	.4	.0								.8	5.7
SSE	.1	.1		.0								.2	3.7
S	.2	.4	.2	.1								.9	5.[illegible]
SSW	.4	1.0	1.0	.3	.0							2.8	7.[illegible]
SW	.5	1.9	3.4	1.2	.2	.1	.0					7.3	8.5
WSW	1.1	2.3	6.1	2.3	.4	.1	.0					12.2	8.7
W	1.1	2.5	3.7	2.0	.4	.1						9.8	8.8
WNW	.1	.7	1.1	.5	.1							2.5	8.4
NW	.4	.6	.6	.4	.0							2.0	7.3
NNW	.3	.5	.8	.1	.1							1.8	6.9
VARBL	.6	.1										.7	2.4
CALM												35.3	
	9.4	19.9	22.9	9.9	1.3	.2	.1					100.[illegible]	4.9

TOTAL NUMBER OF OBSERVATIONS 3379

USAFETAC FORM 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	1.1	.4								3.5	5.5
NNE	.7	1.4	1.1	.2								3.4	5.[illegible]
NE	.6	1.6	1.3	.7								4.[illegible]	5.6
ENE	1.1	1.6	2.3	1.1								6.[illegible]	7.2
E	1.2	3.6	3.2	.7								8.[illegible]	6.5
ESE	.4	1.1	.2	.0								1.7	4.9
SE	.1	.4	.1									.7	4.8
SSE	.1	.3	.2	.0								.6	5.5
S	.2	.4	.3	.1								1.1	6.6
SSW	.4	.8	1.1	.7	.1							3.1	[illegible]
SW	.3	1.4	3.8	1.7	.2	.1						7.4	9.1
WSW	.6	2.2	4.5	3.1	.2	.0	.0					10.6	9.2
W	1.0	1.6	4.7	3.4	.1	.0						11.[illegible]	9.1
WNW	.2	.6	1.8	1.1	.0							3.8	9.3
NW	.2	.6	1.1	.8	.0							2.4	8.9
NNW	.2	.7	1.3	.3	.0							2.5	7.9
VARBL	.8	.2										1.[illegible]	2.4
CALM												28.2	
	8.5	20.1	28.1	14.2	.7	.1	.0					100.[illegible]	5.7

TOTAL NUMBER OF OBSERVATIONS 4095

USAFETAC FORM AR 54 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.0	2.7	.7	.0							5.[illegible]	7.3
NNE	.6	1.5	1.4	.4								4.[illegible]	6.5
NE	.8	1.4	1.0	.4	.1							3.7	5.7
ENE	.6	1.3	1.4	.7								4.[illegible]	7.2
E	.7	2.1	2.0	.5		.0						5.[illegible]	5.[illegible]
ESE	.3	1.0	.5	.1								1.[illegible]	[illegible]
SE	.1	.5	.4	.2								1.2	6.7
SSE	.1	.3	.1									.[illegible]	5.[illegible]
S	.2	.8	.6	.1								1.7	6.2
SSW	.4	1.0	2.0	.6	.0							4.[illegible]	[illegible]
SW	.6	2.6	4.8	1.4	.0							9.5	7.9
WSW	.9	2.9	5.4	2.2	.1	.0						11.6	8.2
W	.9	3.1	4.1	2.6	.2	.0						10.[illegible]	8.4
WNW	.2	1.0	1.2	.9	.0							3.4	8.4
NW	.1	1.0	1.4	.7	.0							3.2	8.4
NNW	.2	.9	1.7	.6	.1							3.4	8.4
VARBL	.5	.6										1.1	3.[illegible]
CALM												24.7	
	7.9	23.7	30.7	12.2	.7	.1						100.[illegible]	5.7

TOTAL NUMBER OF OBSERVATIONS 4179

USAFETAC FORM 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) Y (MONTH)

ALL WEATHER (CLASS) -6 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.9	2.9	.5								[illegible]	7.2
NNE	.4	1.5	1.2	.2								[illegible]	[illegible]
NE	.6	1.5	1.0	.1								[illegible]	[illegible]
ENE	.5	1.0	.7	.3								[illegible]	[illegible]
E	.6	2.8	2.3	.4								[illegible]	[illegible]
ESE	.4	1.4	1.0	.2								2.9	[illegible]
SE	.1	1.0	.6	.1								[illegible]	[illegible]
SSE	.2	.4	.3	.1								[illegible]	[illegible]
S	.3	1.3	.9	.1								[illegible]	[illegible]
SSW	.5	1.4	1.6	.5	.0							[illegible]	[illegible]
SW	.7	2.4	3.8	1.2	.0							[illegible]	[illegible]
WSW	.8	2.5	4.7	2.0	.1							[illegible]	[illegible]
W	.8	3.3	4.8	3.0	.1							11.9	[illegible]
WNW	.5	1.0	1.6	.7	.0							[illegible]	[illegible]
NW	.1	.6	1.6	.5	.0							[illegible]	[illegible]
NNW	.2	.6	1.7	1.0								3.4	[illegible]
VARBL	1.4	.5										[illegible]	3.1
CALM												[illegible]	
	8.5	25.1	30.5	10.8	.3							[illegible]	5.5

TOTAL NUMBER OF OBSERVATIONS 4205

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS)

ALL WEATHER (CLASS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.1	2.5	.3								5.6	6.3
NNE	.7	1.6	1.5	.2								4.1	5.2
NE	.9	1.3	1.5	.4								4.1	6.3
ENE	.6	1.1	1.5	.7	.0							3.8	7.4
E	.9	2.1	2.1	.6	.0							5.7	5.3
ESE	.2	1.0	.5	.1								1.8	5.9
SE	.1	.5	.3									1.[illegible]	5.9
SSE	.2	.6	.3									1.1	5.1
S	.5	1.1	.9	.2								2.7	6.7
SSW	.3	1.1	1.4	.2								3.1	6.3
SW	.6	3.0	3.6	1.0								8.2	7.4
WSW	1.0	2.7	4.8	2.0	.0							10.6	7.3
W	1.1	3.2	4.1	2.0	.2	.0						10.6	7.9
WNW	.3	.7	1.3	.6	.0							3.[illegible]	8.3
NW	.1	1.0	1.2	.2								2.5	7.1
NNW	.2	.3	.9	.3								2.2	7.3
VARBL	1.5	1.6	.3	.1								3.[illegible]	4.3
CALM												26.4	
	9.9	25.5	28.7	9.1	.3	.0						100.[illegible]	5.2

TOTAL NUMBER OF OBSERVATIONS 4196

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 STATION — BAD KREUZNACH GERMANY AAF STATION NAME — 60-70 YEARS — MONTH

ALL WEATHER CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.3	1.9	.4	.0							5.2	4.7
NNE	.9	.8	.7	.0								2.4	5.1
NE	.5	1.0	.4	.1								2.[illegible]	5.2
ENE	.5	1.1	.5	.1								2.7	5.5
E	.6	1.6	.6									2.8	5.2
ESE	.3	.9	.3	.0								1.5	5.4
SE	.2	.6	.2	.0								1.[illegible]	5.2
SSE	.3	.6	.2	.0								1.1	4.5
S	.3	1.0	.8	.1								2.2	4.4
SSW	.2	.9	1.3	.3								2.[illegible]	7.5
SW	.5	3.7	4.6	1.4	.1							10.2	7.7
WSW	1.0	3.2	5.5	2.6	.1	.0						12.4	8.2
W	1.7	3.6	5.8	3.1	.0							14.2	7.5
WNW	.1	1.2	1.8	.7	.0							3.8	7.[illegible]
NW	.4	1.1	1.5	.3								3.3	7.1
NNW	.2	1.3	.9	.3								2.7	5.7
VARBL	1.4	.9	.2	.0								2.5	3.4
CALM												27.2	
	9.6	25.7	27.3	9.8	.3	.0						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 4103

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.0	1.1	.1								2.5	5.7
NNE	.4	.7	.5	.0								1.7	5.5
NE	.5	1.0	.6	.1								2.2	5.5
ENE	.7	1.4	.7	.1	.0							2.9	5.5
E	.7	1.7	1.5	.1								4.[illegible]	5.[illegible]
ESE	.4	.7	.6	.0								1.[illegible]	5.[illegible]
SE	.2	.5	.5									1.1	5.7
SSE	.2	.6	.3	.0								1.1	5.4
S	.3	.7	.6	.0	.0							1.7	5.5
SSW	.5	1.2	1.4	.6								3.[illegible]	7.4
SW	.8	3.1	5.3	2.0	.0							11.1	[illegible]
WSW	1.3	3.3	5.8	2.8	.1	.0						13.[illegible]	[illegible]
W	1.2	2.8	6.2	2.9	.1							13.[illegible]	[illegible]
WNW	.4	.8	1.3	.4								2.[illegible]	7.7
NW	.2	.6	.5	.4								1.[illegible]	7.5
NNW	.2	.5	.4	.2								1.2	6.7
VARBL	2.4	1.3	.1									3.[illegible]	3.1
CALM												30.1	
	10.5	21.9	27.4	9.8	.3	.0						100.[illegible]	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS 4208

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.2	1.0	.1								2.[illegible]	[illegible]
NNE	.7	1.4	.7	.1								2.[illegible]	5.3
NE	.6	1.4	.7	.1								2.[illegible]	[illegible]
ENE	.7	1.5	1.1	.1								3.4	[illegible]
E	.9	2.8	1.4	.2								5.[illegible]	[illegible]
ESE	.6	1.1	.4									2.[illegible]	4.[illegible]
SE	.2	.6	.5									1.[illegible]	[illegible]
SSE	.3	.5	.3									1.1	[illegible]
S	.5	1.1	.7	.2								2.4	[illegible]
SSW	.6	1.7	1.7	.6								4.[illegible]	[illegible]
SW	.7	2.2	4.2	1.4								8.5	7.[illegible]
WSW	1.0	2.1	5.1	2.3	.0							1[illegible].[illegible]	[illegible]
W	1.0	1.7	3.6	2.5	.1							8.[illegible]	[illegible]
WNW	.2	.4	.6	.6								1.[illegible]	[illegible]
NW	.1	.4	.2	.0								.7	[illegible]
NNW	.1	.2	.2									.6	[illegible]
VARBL	2.0	.9	.2	.1								3.[illegible]	[illegible]
CALM												37.4	
	10.4	21.3	22.7	8.2	.1							100.[illegible]	4.3

TOTAL NUMBER OF OBSERVATIONS 3933

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) T (MONTH)

ALL WEATHER (CLASS) L (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	.7	.1								1.7	5.1
NNE	1.2	1.0	.5	.1								2.[illegible]	4.[illegible]
NE	1.0	1.5	.7	.1								3.[illegible]	3.[illegible]
ENE	1.0	1.2	1.2	.4								3.[illegible]	5.1
E	1.6	2.2	1.6	.3								5.7	5.5
ESE	.6	.6	.1									1.[illegible]	4.[illegible]
SE		.4	.1	.0								.[illegible]	4.[illegible]
SSE	.2	.1	.2	.0								.[illegible]	5.9
S	.4	.8	.7	.1								2.[illegible]	5.9
SSW	.6	1.9	1.9	.4	.0							4.[illegible]	[illegible]
SW	.9	2.9	4.3	1.2	.0	.0						9.4	7.6
WSW	.8	3.3	4.7	1.6	.1	.0						1[illegible].[illegible]	7.[illegible]
W	1.2	2.3	2.3	1.2	.0	.0						7.[illegible]	7.2
WNW	.1	.2	.3	.2	.0							1.[illegible]	7.9
NW		.3	.3	.1								.7	7.4
NNW	.1	.3	.3	.0								.7	7.[illegible]
VARBL	1.6	.5	.3	.0								2.[illegible]	3.5
CALM												41.[illegible]	
	11.6	20.1	20.3	5.8	.2	.1						100.[illegible]	3.[illegible]

TOTAL NUMBER OF OBSERVATIONS 4[illegible]

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.9	.3	.1								1.[illegible]	[illegible]
NNE	.9	1.7	.7	.1								3.3	[illegible]
NE	.9	1.1	1.2	.1								3.[illegible]	5.4
ENE	1.1	1.7	1.9	.8								5.[illegible]	[illegible]
E	1.1	2.3	1.7	.5								5.[illegible]	[illegible]
ESE	.4	.8	.3	.0								1.5	4.[illegible]
SE	.4	.8	.5	.0								1.7	5.2
SSE	.3	.6	.2									1.1	4.[illegible]
S	.6	1.1	.5	.1								2.3	5.4
SSW	.5	1.5	1.8	.6	.0	.0						4.5	7.4
SW	1.1	3.1	6.7	2.7	.3	.2	.1					14.1	[illegible]
WSW	1.0	2.6	5.8	3.6	.4							13.3	[illegible]
W	.8	1.6	2.6	.9								6.[illegible]	7.2
WNW	.2	.2	.2	.1								.[illegible]	6.7
NW	.1	.1	.1	.1								.[illegible]	7.3
NNW	.1	.3	.1									.4	4.[illegible]
VARBL	.8	.4	.1	.1	.0							1.[illegible]	3.7
CALM												33.1	
	10.6	20.7	24.8	9.8	.8	.2	.1					100.[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 3814

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	.6	.1								1.7	5.7
NNE	.8	1.0	.6	.1								2.4	5.3
NE	.8	1.4	1.2	.5								3.9	6.2
ENE	1.0	2.0	1.9	.6								5.5	6.2
E	1.9	2.6	2.1	.2								6.8	4.2
ESE	.4	1.2	.3									1.9	4.2
SE	.3	.6	.3	.1								1.3	5.3
SSE	.1	.2	.1									.4	4.4
S	.3	.5	.3	.1								1.2	5.4
SSW	.7	1.4	.6	.3	.0							2.9	4.2
SW	.7	1.9	4.2	2.9	.8	.1						10.6	5.5
WSW	.9	2.9	6.5	3.4	.7	.1						14.4	9.1
W	1.1	1.8	3.7	1.7	.2	.1	.0					8.8	8.4
WNW	.1	.3	.3	.1	.1							.9	7.7
NW	.3	.3	.2	.0	.0							.8	8.4
NNW	.3	.3	.2	.1								.8	5.3
VARBL	1.5	.3	.6	.1	.1							1.9	3.5
CALM												33.9	
	11.7	19.2	22.9	10.2	1.9	.2	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 3779

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 62-65 (YEARS) (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.0										1.[illegible]	[illegible]
NNE	3.0		1.0									4.[illegible]	[illegible]
NE	2.0	2.0	1.0									5.1	[illegible]
ENE	4.0	1.0	2.0	2.0								9.1	[illegible]
E		3.0	3.0									6.1	[illegible]
ESE	1.0	1.0										2.[illegible]	[illegible]
SE	1.0											1.[illegible]	[illegible]
SSE	1.0											1.[illegible]	[illegible]
S	1.0	3.0										4.[illegible]	[illegible]
SSW	1.0		4.0									5.1	4.2
SW		3.0	6.1		1.0							10.1	[illegible]
WSW		4.0	2.0	1.0								7.1	6.7
W	3.0	3.0	1.0	3.0								10.1	6.5
WNW		1.0										1.[illegible]	6.
NW													
NNW													
VARBL													
CALM												33.3	
	17.2	22.2	20.2	6.1	1.0							100.[illegible]	4.2

TOTAL NUMBER OF OBSERVATIONS 99

USAFETAC FORM 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.8	1.0	.1								2.[illegible]	5.[illegible]
NNE	.5	1.0	.3									1.[illegible]	4.[illegible]
NE	.6	1.1	1.1									2.9	5.5
ENE	1.3	2.0	.9	1.4								5.5	6.[illegible]
E	2.0	3.4	1.3	.1								6.8	4.5
ESE	.6	.8	.3									1.5	4.5
SE	.1	.5										.6	4.[illegible]
SSE	.3	.3										.6	3.[illegible]
S	1.6	.4	.4									2.4	4.[illegible]
SSW	.4	1.0	1.3	.4	.1							3.1	7.7
SW	.4	2.3	4.4	2.5	.1							9.6	9.[illegible]
WSW	1.3	2.6	5.5	1.4								10.8	7.[illegible]
W	.8	2.1	3.1	.5								6.5	7.[illegible]
WNW	.1	.8	.3									1.1	5.5
NW	.1	.1										.3	4.5
NNW	.1	.3										.4	4.7
VARBL	.6	.1										.8	2.[illegible]
CALM												43.5	
	10.9	19.4	19.6	6.4	.3							100.[illegible]	3.[illegible]

TOTAL NUMBER OF OBSERVATIONS 2[illegible]

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
34070	BAD KREUZNACH GERMANY AAF	60-70	

CLASS: ALL WEATHER

HOURS (L S T): 9 -1'

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.4	.6									1.[illegible]	[illegible].1
NNE	.4	.8	.6									1.[illegible]	5.[illegible]
NE	1.0	2.3	.6									3.9	4.[illegible]
ENE	1.6	1.6	1.4	.4								5.[illegible]	6.[illegible]
E	2.4	3.1	1.4	.3								7.[illegible]	[illegible].2
ESE	.4	1.0	.2									1.7	4.4
SE	.8	.2	.1									1.1	3.7
SSE													
S	.1	.6	.3									1.[illegible]	5.6
SSW	.6	.9	1.4	.7								3.[illegible]	7.6
SW	.3	1.4	4.2	1.9	.3							9.2	9.2
WSW	.4	3.3	8.1	2.3	.3							14.5	8.6
W	.6	2.2	3.1	.4	.2							6.5	7.[illegible]
WNW	.1	.8	.1									1.[illegible]	5.2
NW	.1	.2	.3									.7	6.[illegible]
NNW				.1								.1	12.[illegible]
VARBL	.7	.4										1.1	2.7
CALM												40.7	
	10.3	19.3	22.5	6.2	.9							100.[illegible]	4.1

TOTAL NUMBER OF OBSERVATIONS 9,1

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12 -14 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	1.5									3.[illegible]	5.2
NNE	.3	2.3	.3	.1								3.[illegible]	5.2
NE	1.6	1.4	.8	.5								4.[illegible]	5.7
ENE	1.6	1.3	2.1	.9								5.[illegible]	6.5
E	2.2	3.4	4.1	1.0								1[illegible].[illegible]	6.6
ESE	.2	1.2	.1									1.[illegible]	4.5
SE	.1	.5	.1	.1								.[illegible]	4.1
SSE	.3	.2	.1									.[illegible]	4.7
S	.3	.8										1.2	4.1
SSW	.2	1.4	2.1	.7								4.[illegible]	5.1
SW	.5	2.4	4.6	2.1	.2							9.[illegible]	5.7
WSW	.1	2.7	6.7	3.8		.3						13.7	9.7
W	.6	2.3	3.2	1.7	.1							8.[illegible]	8.3
WNW	.1	.3	.2	.2								.9	7.3
NW	.2	.2	.5	.1								1.[illegible]	7.3
NNW	.1	.5	.1	.1								.[illegible]	6.1
VARBL	1.3											1.3	1.7
CALM												28.9	
	10.3	22.0	26.6	11.5	.3	.3						100.[illegible]	5.3

TOTAL NUMBER OF OBSERVATIONS 864

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	1.4	.4								3.[illegible]	[illegible]
NNE	1.0	1.9	.9									3.[illegible]	5.2
NE	1.8	1.0	.8	.4								3.[illegible]	5.3
ENE	1.3	2.9	3.3	.9								7.[illegible]	7.2
E	1.4	4.0	2.1	.8								8.[illegible]	5.4
ESE	.3	.8		.3								1.[illegible]	5.3
SE	.5	.6	.1									1.[illegible]	4.7
SSE	.6	.5	.1									1.[illegible]	4.4
S	.1	.6	.3	.3								1.[illegible]	5.[illegible]
SSW	.4	1.3	1.1	.8								3.5	7.4
SW	.8	3.0	4.4	1.3	.3							9.7	[illegible]
WSW	.3	2.6	5.3	3.1	.1							11.4	9.[illegible]
W	.4	.9	4.7	1.5								7.4	8.[illegible]
WNW	.3	.5	.4									1.[illegible]	6.1
NW		.4	.1	.6								1.1	9.7
NNW		.5	.3									.[illegible]	8.7
VARBL	.6	.1										.[illegible]	3.[illegible]
CALM												32.[illegible]	
	10.1	22.1	25.2	10.2	.4							100.[illegible]	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS 795

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 62-65,67,69-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) [illegible]-2 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1										1.1	[illegible]
NNE	2.3	1.1	.6									4.[illegible]	4.[illegible]
NE	.6	1.1										[illegible].7	4.[illegible]
ENE	2.9	2.9	3.4	.6								9.[illegible]	[illegible]
E	2.3	4.6	.6									7.[illegible]	4.[illegible]
ESE	.6	.6										1.1	3.[illegible]
SE	.6	.6										1.1	3.
SSE	.6											.[illegible]	[illegible]
S			1.1									1.1	9.[illegible]
SSW	1.1	1.7	1.1	.6								4.[illegible]	6.1
SW	.6	1.1	3.4	1.1								6.[illegible]	7.[illegible]
WSW		1.7	5.7	4.0								11.[illegible]	1[illegible]
W	.6	1.1	4.6	1.1								7.[illegible]	[illegible]
WNW		1.1										1.1	5.[illegible]
NW	.6											.[illegible]	3.[illegible]
NNW													
VARBL	1.7											1.7	2.7
CALM												38.[illegible]	
	14.4	19.0	20.7	7.5								100.[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 174

USAFETAC FORM 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 62-66 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2		1.1									3.2	4.
NNE		1.1	1.1	1.1								3.3	7.
NE	3.2	1.1	3.2	1.1								8.6	6.6
ENE		1.1		2.2								3.3	1 .7
E													
ESE													
SE													
SSE													
S													
SSW	2.2	1.1		1.1								4.3	4.8
SW	1.1	1.1	3.2									5.4	6.[illegible]
WSW	2.2	2.2	1.1	3.2								8.6	7.4
W	1.1	3.2	3.2	2.2	1.1							10.8	.7
WNW		2.2										2.2	5.
NW				1.1								1.1	13.[illegible]
NNW													
VARBL													
CALM												49.5	
	11.8	12.9	12.9	11.8	1.1							100.[illegible]	3.[illegible]

TOTAL NUMBER OF OBSERVATIONS 93

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 6 - (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 33	34 - 40	41 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.1	.8	.4								3.[illegible]	[illegible]
NNE	1.1	1.1	.1	.1								2.4	4.3
NE	.9	.4	.8	.5	.1							2.[illegible]	7.3
ENE	.8	1.4	.1	.7	.1							3.2	[illegible]
E	1.2	1.3	.4	.1	.1							3.2	[illegible]
ESE	.3	.4	.1									.[illegible]	4.[illegible]
SE	.3	.1										.4	3.3
SSE	.1											.1	2.[illegible]
S	.5	.4										.9	3.[illegible]
SSW	.3	1.1	.3	.3								1.[illegible]	6.[illegible]
SW	.[illegible]	1.4	3.6	1.6	.1							7.4	[illegible]
WSW	1.2	3.2	5.8	2.4	.3	.3						13.[illegible]	[illegible]
W	1.8	1.6	3.3	1.3	.4	.1						8.[illegible]	4.[illegible]
WNW		.3	.7	.3								1.2	[illegible]
NW	.3	.3	.4	.3								1.2	7.1
NNW	.1	.1	.1		.1							.[illegible]	[illegible]
VARBL	.8											.[illegible]	2.3
CALM												48.7	
	11.1	14.1	16.5	7.9	1.3	.4						100.[illegible]	3.7

TOTAL NUMBER OF OBSERVATIONS 759

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 47	48 55	≥56	%	MEAN WIND SPEED
N	.7	1.9	1.1	.2								4.[illegible]	[illegible]
NNE	.5	.6	.8	.1								2.[illegible]	6.[illegible]
NE	.5	1.3	.7	.8								3.4	7.7
ENE	.7	1.3	1.3	1.1								4.[illegible]	7.[illegible]
E	1.3	2.2	2.0	.5								6.[illegible]	5.[illegible]
ESE	.8	.6	.1									1.[illegible]	3.[illegible]
SE		.2	.2									.[illegible]	[illegible]
SSE		.1		.1								.2	9.5
S		.1	.2	.1								1.[illegible]	[illegible]
SSW	.5	1.0	1.0									2.4	5.9
SW	.5	2.8	3.1	.8	.5		.1					7.[illegible]	[illegible]
WSW	.7	2.4	5.9	1.8	.6							11.4	[illegible]
W	1.2	2.6	3.5	1.8		.1						9.[illegible]	[illegible]
WNW	.6	.6	1.0	.4								2.5	7.[illegible]
NW	.1	.4	.4	.4								1.2	7.[illegible]
NNW	.5	.4	.5	.2								1.6	5.9
VARBL	.1											.1	1.[illegible]
CALM												40.6	
	8.8	19.0	21.9	8.4	1.1	.1	.1					100.[illegible]	4.5

TOTAL NUMBER OF OBSERVATIONS 831

USAFETAC FORM 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12 -14 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.9	1.4	.8								5.[illegible]	[illegible]
NNE	.6	1.6	1.0	.8								3.[illegible]	5.9
NE	.6	1.1	1.3	.4	.1							3.5	7.[illegible]
ENE	1.0	2.4	2.4	1.3								7.3	7.5
E	.4	3.3	2.6	.4								6.[illegible]	[illegible]
ESE	.5	1.6	.5									2.[illegible]	3.1
SE		.1	.6	.1								.[illegible]	[illegible]
SSE													
S		.1	.4									.[illegible]	[illegible]
SSW	.4	.9	1.3	.3	.1							2.9	7.4
SW	.4	1.4	3.4	.9	.3	.1						6.[illegible]	[illegible]
WSW	1.1	1.8	7.4	2.8	.3	.1	.1					13.[illegible]	9.1
W	.4	2.1	3.9	2.6	.3							9.3	[illegible]
WNW		.8	1.6	.1								3.1	[illegible]
NW	.5	.9	1.3	.8								3.4	7.[illegible]
NNW	.4	.6	.8	.3								2.[illegible]	5.6
VARBL	1.1	.1										1.3	2.[illegible]
CALM												28.[illegible]	
	8.5	20.7	29.7	11.3	1.3	.3	.1					100.[illegible]	5.5

TOTAL NUMBER OF OBSERVATIONS 792

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12-17 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.2	2.2	1.1								6.4	7.2
NNE	.5	.8	.8	.1								2.2	5.7
NE	.3	2.0	1.1	.7								4.1	7.1
ENE	1.1	2.2	1.8	1.8								6.	7.[illegible]
E	1.4	4.5	1.9	.4								8.1	5.9
ESE	.5	1.4	.5									2.4	5.2
SE	.1	.7	.7									1.5	6.4
SSE		.4										.4	5.2
S	.1	.5	.3	.1								1.1	6.5
SSW	.3	1.1	1.5	.5								3.4	7.6
SW	.3	1.6	3.2	1.9		.1						7.2	8.0
WSW	.9	1.6	6.0	2.4	.3							11.2	[illegible].9
W	1.1	2.8	4.7	2.6	.7	.1						12.[illegible]	9.[illegible]
WNW		.7	.9	.7	.3							2.6	9.4
NW	.9	.9	.3	.3	.1							2.6	6.2
NNW		1.1	2.2	.1	.1							3.5	7.7
VARBL	.7	.4										1.1	2.9
CALM												23.4	
	9.2	24.9	28.0	12.7	1.5	.2						100.[illegible]	5.9

TOTAL NUMBER OF OBSERVATIONS 739

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 62-65,67,69-70 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) 18 -2 [illegible] (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3	1.3									2.6	4.6
NNE	.6	1.9	1.3									3.8	5.3
NE		1.3	3.8	.6								5.7	5.4
ENE	.6	1.3	1.3									3.1	5.3
E	.6	4.4	1.3									6.4	5.2
ESE	.6	.6										1.3	3.5
SE		.6										.6	[illegible]
SSE	.6											.6	3.[illegible]
S	.6	.6	.6									1.9	5.[illegible]
SSW		1.3	2.5	.6								4.4	5.1
SW	.6	3.8	4.4	1.9								10.7	7.9
WSW	1.9	3.1	5.0	.6	.6							11.3	7.3
W	.6	5.7	1.9	2.5								10.7	7.2
WNW		2.5	2.5	.6	.6							6.3	5.7
NW		.6	1.3									1.9	6.3
NNW	.6	.6	.6									1.9	4.7
VARBL													
CALM												27.[illegible]	
	7.5	29.6	27.7	6.9	1.3							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 159

USAFETAC FORM JUL 64 0 6-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 68 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW			33.3	66.7								100.0	11.3
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
			33.3	66.7								100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 3

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 62-64,68 (YEARS) (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		3.8										3.[illegible]	4.[illegible]
NNE		1.3										1.3	[illegible]
NE	3.8	2.6	1.3	2.6								10.3	[illegible]
ENE	1.3	2.6	1.3									5.1	[illegible]
E		1.3	1.3									2.6	[illegible]
ESE													
SE													
SSE	1.3	1.3										2.6	3.5
S													
SSW			2.6	1.3								3.[illegible]	11.3
SW			2.6									2.6	[illegible]
WSW		2.6	1.3									3.9	5.7
W		2.6	1.3	2.6								6.4	9.4
WNW													
NW			1.3									1.3	[illegible]
NNW	1.3	1.3	1.3									3.9	[illegible]
VARBL													
CALM												52.6	
	7.7	19.2	14.1	6.4								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 7[illegible]

USAFETAC FORM 0-8-5 (OL-1) JUL 65 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	.5	.2								2.4	5.7
NNE	1.5	1.4	.2									3.[illegible]	4.[illegible]
NE	.3	1.3	.6	.2								2.4	[illegible]
ENE	1.5	1.7	1.5	.6								[illegible].3	6.[illegible]
E	.9	2.2	1.9	.1								5.2	[illegible]
ESE	.3	.2	.1									.6	4.7
SE	.2	.1										.3	3.[illegible]
SSE													
S	.3	.3										.4	3.5
SSW	.5	1.1	1.2	.2	.1							3.1	6.[illegible]
SW	.4	2.5	4.1	.6	.3							8.[illegible]	7.[illegible]
WSW	1.6	4.0	4.0	2.5	.2							12.3	7.[illegible]
W	2.5	1.9	2.7	1.7	.1							9.[illegible]	7.1
WNW	.2	.5	.6	.2								1.[illegible]	7.3
NW	.1	.4	.4	.1								1.1	7.2
NNW	.4	.5	.5	.2								1.7	6.3
VARBL	.1	.1										.2	3.[illegible]
CALM												43.2	
	11.6	19.3	18.4	6.7	.7							100.[illegible]	3.9

TOTAL NUMBER OF OBSERVATIONS 949

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
8TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	.9	.4								2.	[illegible]
NNE	.4	2.0	.8	.1								3.3	[illegible]
NE	.6	1.0	1.2	.5								3.4	7.
ENE	.5	.9	3.1	1.3								5.[illegible]	[illegible].4
E	1.2	3.2	3.5	.6								8.[illegible]	[illegible]
ESE		.5										.[illegible]	4.[illegible]
SE													
SSE	.1	.3										.4	4.5
S	.3	.2	.2									.7	4.6
SSW	.3	.8	.8	.6								2.[illegible]	7.4
SW	.3	1.1	4.3	1.9								7.7	9.1
WSW	.5	2.3	6.0	2.1	.3							11.2	[illegible].9
W	1.0	2.0	5.0	2.9								1[illegible].9	[illegible]
WNW	.2	.4	1.4	.6	.1							2.[illegible]	[illegible].9
NW		.4	.8	.1	.1							1.4	[illegible].9
NNW	.1	.6	1.4	.1	.1							2.4	[illegible]
VARBL	.5											.5	[illegible].4
CALM												34.9	
	6.7	16.8	29.7	11.3	.6							100.	5.2

TOTAL NUMBER OF OBSERVATIONS 936

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

36070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12 - 14 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.0	1.5	.6								4.5	7.1
NNE	.5	1.1	1.5	.3								3.4	6.6
NE	.4	2.3	1.9	1.1								5.7	7.3
ENE	1.5	1.5	2.2	1.4								6.6	7.2
E	1.1	3.3	4.3	1.2								11.[illegible]	6.[illegible]
ESE	.6	.6	.2									1.[illegible]	4.5
SE		.2										.2	5.[illegible]
SSE	.1	.2	.1									.4	5.3
S	.2	.6	.6	.3								1.[illegible]	[illegible].7
SSW	.3	.8	1.6	.9	.1							3.7	9.4
SW	.1	1.0	2.7	2.4	.2	.2						6.[illegible]	1[illegible].4
WSW	.3	.9	4.6	4.0	.2		.1					10.1	1[illegible].3
W	.2	1.5	4.5	4.9	.2							11.4	1[illegible].1
WNW	.1	.5	2.7	2.0								5.4	10.5
NW	.1	.9	1.3	1.2								3.4	9.[illegible]
NNW	.1	1.1	1.1	.2								2.[illegible]	[illegible]
VARBL	1.7	.5										2.3	2.5
CALM												18.7	
	7.8	21.0	30.9	20.5	.8	.2	.1					100.[illegible]	6.8

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

JSAFETAC FORM JUL 64 085 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS)

ALL WEATHER (CLASS) — MONTH 13 -17 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.1	1.2	.7								4.[illegible]	6.[illegible]
NNE	.3	1.3	1.8	.4								3.[illegible]	7.2
NE	.6	1.9	1.2	.2								4.[illegible]	7.2
ENE	.8	2.1	2.8	1.0								6.[illegible]	7.3
E	1.9	4.0	3.8	1.0								1[illegible].	6.7
ESE	.7	2.6	.6	.1								3.[illegible]	5.2
SE	.2	1.1	.4									1.	5.3
SSE	.1	.2	.3	.1								.	6.7
S	.2	.6	.7	.3								1.[illegible]	7.6
SSW	.1	.4	.7	1.0	.1							2.4	9.[illegible]
SW	.1	1.1	4.6	2.0	.2	.1						8.3	9.5
WSW		1.7	4.0	3.8	.2	.1						9.[illegible]	10.1
W	.2	1.7	6.1	4.3	.1	.1						12.[illegible]	9.9
WNW	.2	.6	2.4	1.7								4.[illegible]	9.3
NW	.2	.8	1.5	1.8								4.3	9.6
NNW		.6	2.0	.7								3.3	9.[illegible]
VARBL	.9	.2										1.1	2.5
CALM												14.[illegible]	
	7.1	23.1	34.2	19.8	.7	.3						100.	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 59[illegible]

USAFETAC FORM JUL 54 0-E 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 62-67,69-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 1-2 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.5	1.4									3.9	6.1
NNE	1.1	.7	2.2									3.9	4.3
NE	1.1	.7	1.8	.4								3.9	7.2
ENE	2.2	1.4	2.2	.7								6.5	5.5
E	.7	2.9	.7									4.3	4.6
ESE	.7	2.9	.4									3.9	4.6
SE	.7	1.4	.4									2.5	4.3
SSE	.7	1.1	1.4									3.5	5.4
S		.4										.4	6.0
SSW	1.1	1.4	1.4	1.1								5.0	7.0
SW	.7	1.4	1.8	1.1								5.0	7.8
WSW		1.4	3.2	3.9	.4							9.0	10.2
W	.4	2.5	7.5	3.2	.4							14.0	9.4
WNW		1.4	2.5	.4								4.3	8.4
NW	1.1	.4	1.8	1.1								4.3	7.2
NNW			2.5	.7								3.2	8.5
VARBL	.4											.4	1.0
CALM												22.9	
	10.8	22.6	31.2	12.5	.7							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 279

USAFETAC FORM JUL 64 U 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-65 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5	1.5									3.[illegible]	4.[illegible]
NNE													
NE		2.3										2.[illegible]	5.[illegible]
ENE													
E													
ESE		.8										.[illegible]	4.[illegible]
SE													
SSE													
S	.8											.[illegible]	3.[illegible]
SSW		1.5										1.[illegible]	[illegible]
SW	1.5	2.3	6.2									1[illegible].[illegible]	5.[illegible]
WSW	1.5	3.1	2.3	2.3								9.2	7.3
W	2.3	.8	1.5	.8								5.4	5.6
WNW		.6	.8									1.5	6.[illegible]
NW	.8	1.5	1.5	1.5								5.4	7.9
NNW		.8	1.5									2.3	7.[illegible]
VARBL													
CALM												57.7	
	6.9	13.4	15.4	4.6								100.[illegible]	2.[illegible]

TOTAL NUMBER OF OBSERVATIONS 13[illegible]

USAFETAC FORM 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
RTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 BAD KREUZNACH GERMANY AAF 60-70
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.7	1.3	.2								[illegible]	[illegible]
NNE	.5	1.1	.8	.1								[illegible]	[illegible]
NE	.8	1.0	.1	.2								[illegible]	[illegible]
ENE	.4	.6	.5									[illegible]	[illegible]
E	.2	.2	.1	.1								[illegible]	[illegible]
ESE	.1	.1										[illegible]	4.5
SE		.1										[illegible]	[illegible]
SSE													
S	.4	.1										[illegible]	[illegible]
SSW	.4	.8	.9	.1								[illegible]	[illegible]
SW	1.0	3.4	3.6	.6								[illegible]	[illegible]
WSW	1.9	4.5	5.1	.8		.1						12.4	[illegible]
W	2.7	4.1	1.3	.4								[illegible]	[illegible]
WNW	.2	.8	.2									1.2	
NW	.2	1.3	.3	.2								[illegible]	
NNW	.4	.9	1.2									[illegible]	
VARBL	.4	.1										[illegible]	
CALM												49.[illegible]	
	10.5	21.7	15.3	2.8		.1						100.[illegible]	

TOTAL NUMBER OF OBSERVATIONS 92[illegible]

USAFETAC FORM 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
34070	BAD KREUZNACH GERMANY AAF	60-70	

CLASS: ALL WEATHER

HOURS (LST): 15 - 17

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.5	2.7	.5								5.4	7.1
NNE	.9	1.8	1.7	.8								5.3	6.9
NE	.7	1.2	1.5	.5	.2							4.1	7.7
ENE	.7	.7	.7	1.1								3.3	7.7
E	1.1	1.7	2.2	.5								5.5	6.5
ESE	.3	.6	.7									1.2	5.1
SE	.3	.4	.1	.1								.9	5.3
SSE		.1										.1	3.0
S	.1	.2	.5									.8	6.3
SSW	.3	1.2	2.2	.5								4.2	7.6
SW	.8	2.3	4.3	1.5								8.9	7.7
WSW	.5	2.8	5.0	3.0	.1							11.5	7.6
W	.4	3.3	3.6	2.8	.1							10.2	7.5
WNW	.3	.5	2.0	.4								3.3	7.6
NW		.5	1.7	.5								2.7	8.9
NNW	.3	1.2	1.3	.4								3.2	7.3
VARBL	.5	.4										.9	3.4
CALM												28.3	
	8.3	20.4	29.8	12.8	.4							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 931

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12 -24 (HOURS (EST))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	3.2	1.1								6.4	7.7
NNE	.4	1.2	1.5	.5								3.7	7.2
NE	1.5	2.4	1.4	.6	.1							6.[illegible]	5.4
ENE	.8	2.5	1.7	1.2								6.2	7.2
E	.8	2.5	3.4	.5								7.[illegible]	7.[illegible]
ESE	.3	1.9	.9	.3								3.5	5.1
SE	.1	.3	.6	.3								1.4	[illegible]
SSE	.2	.3	.3									.5	[illegible]
S		1.2	1.1	.2								2.5	7.1
SSW	.6	.9	2.5	1.1	.1							5.2	4.1
SW	.1	2.2	6.3	2.3	.1							1[illegible].9	[illegible]
WSW	.6	2.6	5.0	3.1	.3							11.7	9.[illegible]
W	.1	2.1	4.8	3.9	.3	.1						11.3	9.[illegible]
WNW	.1	1.4	1.5	1.4								4.4	9.[illegible]
NW		.9	1.3	1.1	.1							3.4	9.3
NNW	.1	1.0	2.1	1.1								4.2	9.1
VARBL	.5	.5										1.1	3.5
CALM												10.2	
	4.[illegible]	20.4	37.6	18.8	1.1	.1						100.[illegible]	7.3

TOTAL NUMBER OF OBSERVATIONS 924

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 15 -17. (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.5	3.3	1.1	.2							7.[illegible]	7.[illegible]
NNE	.7	1.8	1.8	.3								4.[illegible]	[illegible]
NE	.5	1.4	.8	.6								3.2	7.[illegible]
ENE	.7	1.5	3.2	.9								6.2	7.4
E	.6	3.3	2.6	1.0		.1						7.[illegible]	7.4
ESE	.2	1.4	.9	.1								2.[illegible]	6.4
SE	.2	1.0	.9	.2								2.4	[illegible]
SSE	.3	.8										1.1	4.3
S	.2	1.5	.8	.2								2.7	5.3
SSW	.1	1.1	2.7	.9								4.[illegible]	9.4
SW	.2	2.1	5.9	1.7								9.[illegible]	8.7
WSW	.8	2.4	6.4	2.7	.2							12.[illegible]	8.6
W	.1	2.9	6.4	3.5	.6							13.5	9.2
WNW	.1	1.0	1.4	1.9	.1							4.5	10.[illegible]
NW		.7	1.4	1.0	.1							3.2	9.9
NNW	.1	.6	2.3	1.0	.2							4.2	9.5
VARBL	.5	1.1										1.6	4.[illegible]
CALM												7.[illegible]	
	6.0	26.9	40.5	17.2	1.5	.1						100.[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 38[illegible]

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 1 -2 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.1	4.4	.9								7.7	[illegible]
NNE	.9	2.1	2.1									5.[illegible]	[illegible]
NE		.6	1.8									2.4	7.9
ENE	.6	1.2	.9	.6								3.3	7.3
E	1.2	4.7	1.8	.3								8.[illegible]	5.6
ESE	.6	.6	.6									1.[illegible]	5.5
SE		.9	.3	.3								1.[illegible]	6.5
SSE		.3										.3	[illegible]
S	.6	1.5	.9									3.[illegible]	5.[illegible]
SSW	.3	1.2	2.7	.6								4.7	8.1
SW	.9	4.1	3.0	.9	.3							9.2	6.[illegible]
WSW	.3	.6	7.1	.6								8.[illegible]	8.3
W	.9	4.1	6.2	3.0								14.2	9.[illegible]
WNW	.9	1.5	1.2	1.5								5.[illegible]	7.8
NW	.6	2.4	3.6									6.[illegible]	6.7
NNW		.3	2.1	.3	.3							3.[illegible]	9.4
VARBL	.6	1.5										2.1	4.3
CALM												13.9	
	8.6	29.6	38.5	8.9	.6							100.[illegible]	6.2

TOTAL NUMBER OF OBSERVATIONS 33[illegible]

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60 (YEARS) (MONTH)

ALL WEATHER (CLASS) 21 -23 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		5.3										5.3	4.[illegible]
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW		5.3										5.3	4.[illegible]
VARBL													
CALM												89.5	
		10.5										100.[illegible]	.4

TOTAL NUMBER OF OBSERVATIONS 19

USAFETAC FORM JUL 64 0-8-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-64,66 (YEARS) (MONTH)

ALL WEATHER (CLASS) [illegible] - [illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.6	1.6									3.[illegible]	5.[illegible]
NNE		.8										.[illegible]	4.[illegible]
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW	.8	1.6	2.3									4.7	5.5
SW	3.1	3.1	.8									7.[illegible]	3.9
WSW	3.1	5.5	3.1	.8								12.[illegible]	5.[illegible]
W	4.7	4.7	3.1	.8								13.[illegible]	5.4
WNW	.8	2.3										3.[illegible]	3.[illegible]
NW													
NNW													
VARBL													
CALM												35.[illegible]	
	12.5	19.5	10.9	1.6								100.[illegible]	2.4

TOTAL NUMBER OF OBSERVATIONS 128

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

14070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS LST)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.5	1.2	.1								2.9	5.
NNE	.4	.7	.4									1.5	4.7
NE	.5	.3	.3									1.2	4.[illegible]
ENE	.5	.3		.1								1.[illegible]	4.2
E	.4	.6	.1									1.2	4.6
ESE	.2											.2	3.[illegible]
SE		.1	.1									.2	5.5
SSE													
S	.5	.4	.1	.1								1.2	4.5
SSW	.4	1.6	.4	.1								2.5	5.1
SW	.6	2.4	2.3	.3								5.7	6.6
WSW	1.7	3.4	4.0	1.0								10.1	5.7
W	1.7	3.8	3.1	1.5								10.1	5.6
WNW	1.1	1.1	.6									2.[illegible]	5.1
NW		.1	.8	.1								1.1	8.[illegible]
NNW		.1	.8	.6								1.5	10.2
VARBL	1.2	.2										1.4	2.2
CALM												55.5	
	9.4	16.7	14.4	3.9								100.[illegible]	2.7

TOTAL NUMBER OF OBSERVATIONS 944

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 9[illegible]-11[illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.7	3.1	.3								5.4	7.[illegible]
NNE	.6	2.1	.7									3.4	5.4
NE	1.1	2.6	.9	.1								4.[illegible]	[illegible]
ENE	.6	1.4	1.1	.5								3.7	5.[illegible]
E	.7	4.2	1.7	.5								7.1	[illegible]
ESE	.4	1.3	.7									2.4	5.5
SE		.7	.3									1.[illegible]	[illegible]
SSE	.5	.5										1.[illegible]	[illegible]
S	.3	.9	.4									1.7	5.[illegible]
SSW	.9	1.5	1.7	.1								4.2	6.[illegible]
SW	.8	2.3	3.4	1.1								7.7	7.5
WSW	.7	2.4	4.9	2.0	.1							1[illegible].1	[illegible]
W	.3	4.3	4.1	3.3	.1							12.[illegible]	[illegible]
WNW	.2	.5	.9	.5								2.[illegible]	[illegible]
NW		.7	1.9	.4								3.[illegible]	4.1
NNW	.3	.7	1.5	.8								3.3	[illegible]
VARBL	1.8	.4										2.2	2.5
CALM												24.3	
	9.8	28.2	27.5	9.9	.2							100.[illegible]	[illegible].2

TOTAL NUMBER OF OBSERVATIONS 957

USAFETAC FORM JUL 64 085 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12 -14 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.6	1.6	.5								5.4	6.3
NNE	.4	2.5	1.8	.5								5.2	5.2
NE	.6	1.4	1.4	.3								3.7	4.7
ENE	.7	1.6	.7	.3								3.4	5.6
E	1.0	3.5	4.3	.9								9.7	7.[illegible]
ESE	.1	1.7	1.8	.2								3.8	5.3
SE	.1	1.6	1.1									2.8	5.4
SSE		.6	.1	.1								.9	5.4
S	.1	2.1	1.3	.1								3.6	6.2
SSW	.4	1.3	2.7	.7								5.1	7.5
SW	.3	2.1	4.7	1.8								9.[illegible]	8.4
WSW	.4	2.0	4.0	2.7	.3							9.4	9.1
W	.4	2.7	5.4	4.0	.2							12.7	9.5
WNW	.6	1.2	2.4	1.5								5.7	8.4
NW	.2	.7	1.5	.6								3.1	8.3
NNW	.1	.9	2.1	1.1								4.2	8.9
VARBL	1.8	.9										2.7	3.3
CALM												9.6	
	8.2	29.4	36.9	15.4	.5							100.[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 936

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 15 -17 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.2	4.4	.8								7.[illegible]	[illegible]
NNE	.3	1.1	2.1	.2								3.[illegible]	7.[illegible]
NE	.2	1.9	1.6	.1								3.[illegible]	[illegible].4
ENE	.4	.7	1.2	.2								2.[illegible]	[illegible].[illegible]
E	.6	2.9	3.2	.3								7.[illegible]	[illegible].[illegible]
ESE	.8	2.3	1.6	.7								5.[illegible]	[illegible].[illegible]
SE	.3	1.4	.9	.2								2.[illegible]	[illegible].3
SSE	.1	.3	.8	.3								1.[illegible]	7.[illegible]
S	.3	1.9	1.7	.2								4.1	[illegible].5
SSW	.3	1.3	1.6	.8	.1							4.1	[illegible]
SW	.6	2.5	4.8	1.8	.1							9.7	[illegible].3
WSW	.4	2.1	5.5	2.9								11.[illegible]	[illegible].[illegible]
W	.3	2.2	6.1	4.0								12.[illegible]	9.3
WNW		.9	2.1	1.0	.1							4.1	9.1
NW	.2	.8	2.3	1.0	.1							4.4	[illegible].9
NNW	.4	.3	2.2	1.0								4.[illegible]	[illegible].7
VARBL	1.0	1.1										2.1	3.[illegible]
CALM												9.3	
	6.8	26.0	42.0	15.5	.4							100.[illegible]	7.2

TOTAL NUMBER OF OBSERVATIONS 903

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 1-2 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	6.8	.9								9.[illegible]	[illegible].1
NNE	.3	1.2	.9									2.4	4.3
NE	.3	1.8	1.5									3.6	5.[illegible]
ENE	.3	1.2	.3	.3								2.[illegible]	[illegible]
E	.3	3.9	2.7	.3								7.[illegible]	6.3
ESE	.9	2.7	.9									4.[illegible]	5.2
SE		1.2	1.2	.6								3.[illegible]	7.[illegible]
SSE	.3	.9	1.5									2.7	6.6
S		.9	1.5	.3								2.7	7.[illegible]
SSW	.3	.9	1.8	.9								3.9	5.[illegible]
SW	1.2	2.4	4.5	1.2	.3							9.6	7.3
WSW		1.5	5.9	1.2								8.6	8.5
W	.3	2.7	6.5	1.8	.6							11.9	8.[illegible]
WNW		2.1	3.0	.6								5.7	8.4
NW	.3	1.2	1.8	.3								3.6	6.8
NNW		1.5	2.4	2.4								6.3	9.5
VARBL	.9	.9										1.[illegible]	3.7
CALM												11.[illegible]	
	5.9	27.9	43.0	10.7	.9							100.	6.7

TOTAL NUMBER OF OBSERVATIONS 337

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-64 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.8										[illegible]	[illegible]
NNE													
NE	.8											[illegible]	[illegible]
ENE													
E													
ESE													
SE													
SSE													
S													
SSW		.8										[illegible]	[illegible]
SW	.8	5.5	3.9	.8								1[illegible]	6.6
WSW	5.5	2.3	2.3									1[illegible]	4.6
W	6.3	1.6	2.3									1[illegible]	4.4
WNW													
NW	.8	.8										1.[illegible]	4.5
NNW													
VARBL													
CAL%												64.[illegible]	
	14.1	11.7	8.6	.8								100.	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS 12[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.7	1.7	.2								4.2	5.2
NNE	.7	.8	.4									2.[illegible]	4.7
NE	.7	.5	.3									1.5	4.5
ENE	.4	.5	.6									1.5	5.7
E	.4	.4	1.0									1.[illegible]	5.2
ESE		.2										.2	5.[illegible]
SE													
SSE	.3	.1	.1									.5	4.[illegible]
S	.2	.2	.1	.1								.6	6.2
SSW	.3	.5	.4									1.3	5.5
SW	1.0	3.0	1.8	.5								6.2	6.3
WSW	2.4	3.3	3.1	1.0								9.7	6.2
W	2.2	3.5	1.7	.7								8.1	5.4
WNW	.5	.7	.4	.1								1.5	5.5
NW		1.3	.7									2.[illegible]	6.2
NNW		.6	.7									1.4	6.3
VARBL	1.3	.6	.3									2.2	3.5
CALM												54.6	
	11.2	18.1	13.4	2.6								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 948

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 STATION — BAD KREUZNACH GERMANY AAF STATION NAME — 60-70 YEARS — MONTH

ALL WEATHER CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.8	3.0	.2								6.2	7.7
NNE	.6	2.6	1.4									4.6	5.5
NE	1.5	1.3	1.4	.4								4.7	5.0
ENE	.8	1.5	1.9	.7								4.9	5.9
E	1.6	3.7	1.9	.9								7.1	6.3
ESE	.3	1.0	.4									1.7	5.6
SE	.1	.3	.2									.6	5.2
SSE	.1	.4	.1									.6	4.7
S	.5	.5	.5	.1								1.7	5.7
SSW	.4	1.1	1.6	.2								3.3	7.0
SW	.6	3.0	3.6	.9								8.2	7.4
WSW	.7	1.5	4.0	1.9								8.0	8.0
W	.7	3.7	4.6	.8	.3							10.2	7.7
WNW	.3	.9	1.1	.8								3.2	8.0
NW	.4	.9	.9	.1								2.4	6.2
NNW	.2	.9	.9	.1								2.2	6.9
VARBL	2.3	1.0	.3	.3								4.0	4.1
CALM												26.4	
	12.5	25.5	27.8	7.6	.3							100.0	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS 962

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12 -14 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.8	2.4	1.1								5.[illegible]	7.[illegible]
NNE	.8	1.2	1.7	.1								3.[illegible]	6.5
NE	.5	2.1	2.2	.4								5.[illegible]	[illegible]
ENE	.7	1.3	2.3	1.1	.1							5.[illegible]	7.[illegible]
E	.7	2.9	3.4	1.0								8.[illegible]	7.2
ESE	.4	1.8	.6	.2								3.1	5.7
SE	.1	1.2	.4									1.7	5.[illegible]
SSE	.4	1.3										1.7	4.5
S	.7	1.3	1.6	.3								3.9	6.[illegible]
SSW	.3	1.4	1.6	.1								3.4	6.[illegible]
SW	.3	2.2	4.2	1.7								.5	8.2
WSW	.4	2.7	6.9	2.8								[illegible]	[illegible]
W	.2	3.5	4.2	3.4	.2	.1							8.9
WNW	.2	.1	1.8	1.0								.1	9.1
NW		1.1	1.5	.1								2.7	7.5
NNW	.1	.8	.6	.2								1.[illegible]	7.2
VARBL	1.7	2.1	.4	.2								4.5	4.[illegible]
CALM												13.2	
	8.1	28.7	36.1	13.6	.3	.1						100.[illegible]	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS 942

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60#70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 15 -17 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	3.0	2.5	.6								6.[illegible]	6.7
NNE	.7	2.2	2.3	.8								6.[illegible]	7.1
NE	.7	1.6	2.3	.8								5.4	7.4
ENE	.3	1.7	1.5	.9								4.4	7.7
E	.8	2.0	2.5	.9	.2							6.4	7.5
ESE	.1	1.5	1.1	.2								2.9	6.4
SE	.2	.9	.7									1.9	6.1
SSE	.1	.2	1.0									1.3	7.1
S	.6	1.8	1.6	.2								4.1	6.4
SSW	.3	1.5	2.2	.3								4.4	7.1
SW	.2	2.7	4.7	1.1								8.7	7.[illegible]
WSW	.1	3.1	5.4	2.7	.1							11.4	8.6
W	.7	2.0	4.9	3.7	.2							11.5	9.3
WNW	.1	1.1	2.1	.8	.2							4.4	9.[illegible]
NW		.8	1.7	.6								3.[illegible]	8.[illegible]
NNW	.4	1.0	1.2	.8								3.5	7.[illegible]
VARBL	.8	2.7	.1									3.6	4.7
CALM												10.7	
	6.7	29.7	37.8	14.3	.8							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 995

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.8	4.0									7.7	[illegible]
NNE	1.2	1.2	2.8	.3								3.[illegible]	5.[illegible]
NE	1.2	.6	1.5	.3								3.7	5.[illegible]
ENE	.6		1.5	.9								3.1	5.[illegible]
E	.9	3.7	1.9									6.[illegible]	5.[illegible]
ESE		.6	.3									.[illegible]	5.[illegible]
SE	.3	.3	.3									.[illegible]	5.[illegible]
SSE	.3	2.2										2.5	4.4
S	.9	3.1	.9									4.9	5.4
SSW	.3	1.5	1.5	.3								3.[illegible]	5.[illegible]
SW	.9	4.6	4.3	.9								10.8	6.9
WSW	.3	4.0	5.2	2.5								12.[illegible]	[illegible]
W	.6	3.4	8.3	1.5								13.9	7.9
WNW		1.2	1.5	.6								3.4	8.1
NW	.3	.3	1.9									2.5	7.3
NNW	.6	.3	1.9	.6								3.4	7.6
VARBL	1.5	2.2										3.7	4.2
CALM												10.8	
	11.1	32.1	38.0	0.0								100.[illegible]	6.2

TOTAL NUMBER OF OBSERVATIONS 324

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 69 (YEARS) (MONTH)

ALL WEATHER (CLASS)

(HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W		33.3	33.3									66.7	7.5
WNW		33.3										33.3	5.[illegible]
NW													
NNW													
VARBL													
CALM												[illegible]	
		66.7	33.3									100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 3

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-64,69 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.8										[illegible]	[illegible]
NNE	.8											[illegible]	[illegible]
NE													
ENE													
E													
ESE													
SE													
SSE													
S	.8		.8									1.[illegible]	4.[illegible]
SSW		3.2										3.[illegible]	[illegible]
SW	1.6	4.0	1.6									7.[illegible]	[illegible]
WSW	4.8	2.4	3.2									10.[illegible]	[illegible]
W	6.3	4.0	2.4	.8								13.[illegible]	4.[illegible]
WNW			.8									[illegible]	[illegible]
NW													
NNW													
VARBL													
CALM												61.9	
	14.3	14.3	8.7	.8								100.[illegible]	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS 126

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	.6	.1								1.[illegible]	[illegible]
NNE	.5	.2	.2									1.[illegible]	4.[illegible]
NE	.3	.4										.[illegible]	3.[illegible]
ENE	.1	.3	.1									.[illegible]	[illegible]
E		.1	.1									.[illegible]	5.[illegible]
ESE	.1											.[illegible]	3.[illegible]
SE													
SSE	.3	.2										.[illegible]	3.4
S	.2	.1	.5	.2								1.[illegible]	[illegible]
SSW	.4	.4	.5	.2								1.[illegible]	[illegible]
SW	.8	5.5	3.0	.6								9.9	5.4
WSW	2.5	4.6	2.9	.5								10.[illegible]	5.[illegible]
W	4.5	5.0	3.2	.6	.1							13.[illegible]	5.[illegible]
WNW	.2	1.0	.5	.2								1.9	[illegible]
NW	.1	.6	.4	.1								1.3	[illegible]
NNW	.2	1.0										1.2	4.[illegible]
VARBL	.4	.3	.1									.9	4.1
CALM												53.4	
	11.1	20.3	12.4	2.7	.1							100.[illegible]	2.7

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM JUL 64 085 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: 34070 STATION NAME: BAD KREUZNACH GERMANY AAF YEARS: 60-70 MONTH:

CLASS: ALL WEATHER HOURS (L S T): 09 - 11

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.5	1.5	.1								4.[illegible]	[illegible]
NNE	1.0	.7	.6									2.[illegible]	4.7
NE	1.0	1.6	.7	.3								3.[illegible]	[illegible]
ENE	1.0	1.2	.6									2.[illegible]	4.[illegible]
E	1.2	2.4	.6									4.2	4.[illegible]
ESE	.4	.8	.2									1.[illegible]	4.7
SE	.2	.3										.[illegible]	4.2
SSE	.1	.4	.1									.[illegible]	[illegible]
S	.2	1.1	1.0									2.[illegible]	6.[illegible]
SSW	.3	.3	.8	.6								2.[illegible]	[illegible]
SW	.4	3.7	4.4	1.4	.2							10.2	7.9
WSW	.2	3.1	5.8	2.5								11.[illegible]	[illegible]
W	.7	3.0	5.8	2.8								12.3	[illegible]
WNW	.1	1.2	1.6	.6	.1							3.[illegible]	[illegible]
NW	.[illegible]	.7	1.7	.4								3.[illegible]	7.[illegible]
NNW	.1	.7	1.0	.1								1.9	7.[illegible]
VARBL	1.4	.5	.2	.1								2.2	[illegible]
CALM												29.[illegible]	
	9.7	24.4	26.8	9.0	.3							100.[illegible]	4.9

TOTAL NUMBER OF OBSERVATIONS 344

USAFETAC FORM 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
34070	BAD KREUZNACH GERMANY AAF	60-70	[illegible]

CLASS: ALL WEATHER

HOURS (L S T): 12 -14

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	1.6	.3	.1							[illegible]	5.4
NNE	1.0	.8	.9	.1								2.9	3.9
NE	.3	1.1	.8	.1								2.3	5.0
ENE	.7	1.6	1.0	.4								3.7	4.1
E	.4	2.3	.9									3.6	3.6
ESE	.2	.9	.9	.2								2.2	4.4
SE	.7	1.1	.3	.1								2.2	3.3
SSE	.3	.8	.2	.1								1.4	3.3
S	.7	1.0	1.3	.3								3.2	5.2
SSW		1.3	2.3	.3								3.9	7.4
SW	.3	3.3	6.3	2.4	.1							12.3	8.4
WSW	.5	3.5	5.7	3.8	.4							14.[illegible]	9.[illegible]
W	.5	3.4	6.2	4.7								14.9	9.[illegible]
WNW	.1	1.1	2.2	.9								4.3	5.3
NW	.3	1.5	1.8	.4								4.[illegible]	7.3
NNW	.3	2.0	1.1	.3								3.7	6.3
VARBL	2.0	.5	.2									2.7	3.4
CALM												13.[illegible]	
	9.4	28.1	33.7	14.7	.7							100.[illegible]	6.5

TOTAL NUMBER OF OBSERVATIONS 914

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) L (MONTH)

ALL WEATHER (CLASS) 15 -17 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	3.5	3.4	1.3								8.4	7.4
NNE	.8	1.2	1.2	.1								3.3	5.[illegible]
NE	.7	1.0	.5									2.2	4.[illegible]
ENE	.3	1.5	.6	.1								2.4	5.5
E	.7	1.9	.9									3.5	5.5
ESE	.3	1.6	.2									2.2	5.2
SE	.1	.8	.6									1.5	5.3
SSE	.3	1.2	.5									2.1	5.7
S	.2	2.2	.3									2.[illegible]	5.[illegible]
SSW	.2	1.5	1.9	.3								3.7	7.5
SW	.3	2.3	5.0	1.3								8.9	8.2
WSW	.6	1.7	7.3	4.5		.1						14.3	9.4
W	.6	2.8	7.2	5.1								15.7	9.1
WNW	.1	1.4	3.1	1.3								5.9	8.4
NW	.2	1.[illegible]	1.6	.3								3.5	7.[illegible]
NNW	.2	1.9	1.4	.9								4.4	7.4
VARBL	1.4	2.2	.2									3.4	4.[illegible]
CALM												11.4	
	7.5	29.7	36.0	15.3		.1						100.[illegible]	6.7

TOTAL NUMBER OF OBSERVATIONS 962

USAFETAC FORM APR 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-70 (YEARS) - (MONTH)

ALL WEATHER (CLASS) 1- -2 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	5.3	4.3	.6								11.[illegible]	[illegible]
NNE	1.2	2.5	.9									4.7	4.7
NE	.3	.6										.[illegible]	[illegible]
ENE	.6	.6		.3								1.[illegible]	[illegible]
E	1.2	1.9	.3									3.4	[illegible]
ESE	.3	1.9	.6									2.[illegible]	[illegible]
SE		.9										.[illegible]	[illegible]
SSE	.3	.3	.6									1.[illegible]	[illegible]
S	.3	.6	1.2	.3								2.[illegible]	[illegible]
SSW		1.2	1.2									2.[illegible]	[illegible]
SW	.6	2.8	[illegible].0	1.6								[illegible]	[illegible]
WSW	.6	2.8	6.8	.6	.3							11.2	[illegible]
W	.3	3.4	9.3	2.8	.3							16.1	[illegible]
WNW	.3	2.2	2.2	.6								5.3	7.1
NW	.3	2.2	3.1	.6								6.2	7.4
NNW	.3	.9	1.6	.6								3.4	[illegible]
VARBL	.9	.9		.3								2.2	4.7
CALM												13.7	
	9.0	31.1	37.3	8.4	.6							100.[illegible]	6.1

TOTAL NUMBER OF OBSERVATIONS 322

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 69 (YEARS) (MONTH)

ALL WEATHER (CLASS) 21 - 24 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW		33.3	33.3									66.7	[illegible]
W		33.3										33.3	[illegible]
WNW													
NW													
NNW													
VARBL													
CALM													
		66.7	33.3									100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 3

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

14070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-64 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE		.8										[illegible]	4.[illegible]
ENE													
E													
ESE													
SE													
SSE													
S													
SSW		3.0	.8									3.[illegible]	5.[illegible]
SW	1.5	3.8	6.1	.8								12.1	[illegible]
WSW	3.0	2.3	1.5	.8								7.[illegible]	5.[illegible]
W	2.3	.3	1.5									6.1	4.[illegible]
WNW		.0										3.[illegible]	8.3
NW	.8	.8										1.5	4.5
NNW													
VARBL													
CALM												65.2	
	7.6	15.9	9.8	1.5								100.[illegible]	2.[illegible]

TOTAL NUMBER OF OBSERVATIONS 132

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	.2									.7	[illegible]
NNE	.2	.6	.2									1.[illegible]	[illegible]
NE	.2	.4	.2									.[illegible]	4.[illegible]
ENE	.3											.[illegible]	2.[illegible]
E	.4	.1	.2									.7	4.[illegible]
ESE	.1	.1										.2	[illegible]
SE	.1											.1	[illegible]
SSE	.3											.3	2.7
S	.3	.1	.1									.5	4.4
SSW	.4	1.0	.4	.2								2.1	[illegible]
SW	.8	3.5	3.7	.6	.1							8.7	[illegible]
WSW	2.4	4.0	5.3	.2								11.[illegible]	[illegible]
W	3.7	4.4	2.3	.5								10.[illegible]	5.2
WNW	.1	.1	.2									.4	[illegible]
NW	.1	.3	.1									.5	[illegible]
NNW		.3										.3	4.3
VARBL	1.4	.2										1.[illegible]	[illegible]
CALM												34.4	
	11.0	15.6	13.0	1.6	.1							100.[illegible]	2.3

TOTAL NUMBER OF OBSERVATIONS 954

USAFETAC FORM JUL 64 085 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.1	.8	.2								2.[illegible]	[illegible]
NNE	.3	.4	.9									1.7	[illegible]
NE	.5	.8	.7									2.1	[illegible]
ENE	.7	1.7	.9	.2								3.[illegible]	[illegible]
E	.8	.9	.8	.1								2.7	5.4
ESE	.3	.4	.3									1.[illegible]	5.1
SE	.2	.1										.[illegible]	[illegible]
SSE		.1										.1	[illegible]
S	.3	.8	.4									1.[illegible]	[illegible]
SSW	.3	1.1	1.4	.6								3.5	7.[illegible]
SW	.8	3.3	5.3	1.7								11.[illegible]	[illegible]
WSW	1.3	3.6	6.0	3.0								14.[illegible]	[illegible]
W	.8	3.3	5.4	2.7								12.2	8.2
WNW	.4	.4	1.3	.1								2.3	7.4
NW	.2	.4	.5	.1								1.2	[illegible]
NNW	.3	.4	.2									.9	5.1
VARBL	3.5	.9										4.5	2.5
CALM												34.9	
	11.3	20.0	25.2	8.7								100.[illegible]	4.5

TOTAL NUMBER OF OBSERVATIONS 956

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 50-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12 -14 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	1.4	.2								3.5	5.2
NNE	.3	1.4	.3									2.[illegible]	5.[illegible]
NE	.3	1.3	.6	.2								2.4	[illegible]
ENE	.6	2.3	.6	.1								3.7	5.5
E	1.0	3.1	2.6	.2								6.[illegible]	6.2
ESE	.7	1.3	1.1									3.1	5.[illegible]
SE		1.0	.9									1.[illegible]	6.1
SSE	.2	1.3	.5	.1								2.1	5.5
S	.1	1.0	.4									1.5	5.4
SSW	.3	1.3	1.9	1.1								4.[illegible]	[illegible]
SW	.4	2.9	5.4	3.5	.1							12.4	9.[illegible]
WSW	.3	2.4	7.1	3.6	.2							13.7	9.[illegible]
W	.3	2.0	7.8	4.8	.1							15.[illegible]	9.5
WNW	.1	1.0	1.4	.4								2.9	8.[illegible]
NW	.3	.6	.5	.6								2.1	7.9
NNW	.4	.6	.3	.3								1.7	6.3
VARBL	2.9	1.7	.2									4.[illegible]	3.4
CALM												15.[illegible]	
	9.1	26.4	33.1	15.2	.4							100.[illegible]	6.4

TOTAL NUMBER OF OBSERVATIONS 935

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 15 -17 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.1	1.7	.2								3.2	7.4
NNE	.8	.7	.9	.1								2.5	5.9
NE	.7	1.3	.9	.1								3.0	5.0
ENE	1.0	1.5	1.1	.1	.1							3.8	5.8
E	.4	3.1	2.6	.2								6.4	6.4
ESE	.6	1.2	1.2									3.0	5.7
SE	.4	.8	1.2									2.5	6.0
SSE	.1	.6	.6	.1								1.4	5.3
S	.6	.9	1.5	.1								3.0	6.5
SSW	.2	.9	2.1	.6								3.8	8.1
SW	.8	2.4	6.9	2.5								12.5	8.4
WSW	1.0	3.3	5.5	4.3	.1	.1						14.3	8.5
W	.1	1.3	9.6	4.2	.2							15.4	9.6
WNW	.7	.9	2.0	1.2								4.8	8.1
NW	.1	1.0	.8	.8								2.7	8.0
NNW		.4	1.0	.4								1.8	8.5
VARBL	2.2	2.5	.1									4.8	3.6
CALM												10.7	
	10.0	24.2	39.7	14.9	.4	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 890

USAFETAC FORM XX 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

36070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.8	3.1									5.2	6.7
NNE	.6	.3	.6									1.5	3.2
NE	.9	2.2	.3	.3								3.7	5.1
ENE	1.2	2.2	1.5									4.9	5.2
E	.9	1.2	1.8									4.	5.5
ESE	.6	.9	.3	.3								2.2	5.3
SE	.3	.6	.3									1.2	5.3
SSE	.6	2.2	.3									3.1	4.5
S	.6	1.5	.6		.3							3.1	6.5
SSW	2.2	1.2	1.2	.6								5.2	5.7
SW	.9	3.4	4.6	1.8								10.8	7.5
WSW	.3	3.4	4.9	4.6								13.2	9.7
W	.6	3.4	8.6	2.5	.3							15.4	8.3
WNW	.9	1.8	2.8	.6								6.2	7.3
NW		.3	1.2	.3								1.8	5.5
NNW	.3	.6	1.2									2.2	6.1
VARBL	1.8	2.2	.3									4.3	3.5
CALM												12.2	
	13.2	29.2	33.8	11.1	.6							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 323

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 68 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												100.0	
												100.0	.0

TOTAL NUMBER OF OBSERVATIONS 1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-64 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E	.9	.9										1.7	3.5
ESE													
SE		.9										.9	3.0
SSE													
S													
SSW		2.6	.9									3.4	5.3
SW	.9	1.7	3.4									6.0	7.3
WSW	1.7	1.7	4.3									7.7	6.6
W	.9	4.3	1.7									6.9	5.6
WNW			.9									.9	7.0
NW													
NNW													
VARBL													
CALM												72.6	
	4.3	12.0	11.1									100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 117

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) 6 [illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2											[illegible]	[illegible]
NNE	.1	.6										[illegible]	[illegible]
NE	.3	.2										[illegible]	[illegible]
ENE	.5	.5										[illegible]	[illegible]
E	.6	.3	.1									1.[illegible]	[illegible]
ESE	.2	.5										[illegible]	4.2
SE	.2	.2										[illegible]	[illegible]
SSE													
S	.7	.6										1.[illegible]	[illegible]
SSW	.6	.8	1.5	.2								3.1	5.4
SW	1.1	2.9	2.6	1.1								7.[illegible]	[illegible]
WSW	2.0	2.4	3.4	.7								8.[illegible]	6.4
W	3.3	1.8	1.3	.2								6.[illegible]	4.5
WNW	.3	.3		.1								[illegible]	4.9
NW		.1										.1	[illegible]
NNW	.1	.1										.2	[illegible]
VARBL	1.7		.1									1.[illegible]	2.3
CALM												65.[illegible]	
	12.0	11.3	9.2	2.4								10[illegible].[illegible]	1.9

TOTAL NUMBER OF OBSERVATIONS 883

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	1.1									2.1	4.2
NNE	.6	1.4	.2									2.2	4.4
NE	1.0	1.6	.6	.1								3.2	5.[illegible]
ENE	1.0	1.4	1.0									3.[illegible]	[illegible]
E	.6	1.6	.7	.1								2.[illegible]	3.7
ESE	.2	.8										1.[illegible]	4.1
SE	.1	.1	.2									.4	[illegible]
SSE	.1	.2	.1									.4	4.5
S	.4	1.2	.6	.1								2.3	5.7
SSW	.4	1.4	1.8	.6								4.2	7.1
SW	.6	2.5	4.6	1.6								9.1	8.1
WSW	1.0	2.2	3.9	2.0								9.1	8.[illegible]
W	.9	1.8	3.7	2.5								8.[illegible]	8.4
WNW	.3	.4	.2	.3								1.2	7.2
NW	.2	.2	.2									.7	5.3
NNW		.4										.4	4.[illegible]
VARBL	2.8	.6	.1	.2								3.7	2.9
CALM												44.4	
	10.7	18.5	19.0	7.5								100.[illegible]	3.7

TOTAL NUMBER OF OBSERVATIONS 897

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) 12 -14 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.7	1.4	.1								3.[illegible]	[illegible]
NNE	1.3	2.3	.9	.1								4.[illegible]	4.[illegible]
NE	.3	2.3	1.5	.1								4.[illegible]	5.[illegible]
ENE	.5	2.1	2.1	.2								4.[illegible]	5.2
E	1.0	4.5	2.5	.1								[illegible]	[illegible]
ESE	.5	1.3	1.1									2.[illegible]	5.7
SE	.1	.6	.7									1.4	[illegible]
SSE	.1	.7	.5									1.[illegible]	5.[illegible]
S	.2	.9	1.1	.3								2.[illegible]	6.7
SSW	.5	1.6	1.5	.7								4.[illegible]	7.2
SW	.6	1.0	2.5	1.8								[illegible]	[illegible]
WSW	.3	1.8	2.7	2.7								11.[illegible]	9.2
W	.1	1.4	4.0	4.6	.2							10.[illegible]	1[illegible].2
WNW		.5	.8	.8								2.[illegible]	9.[illegible]
NW		.6	.5									1.[illegible]	[illegible]
NNW	.3	.1	.6									1.[illegible]	6.2
VARBL	2.6	1.8	.3									4.[illegible]	[illegible]
CALM												22.4	
	8.9	25.1	30.7	12.6	.2							100.[illegible]	5.7

TOTAL NUMBER OF OBSERVATIONS [illegible]72

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 16[illegible]-17[illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.6	1.4	.1								4.[illegible]	[illegible]
NNE	.8	1.8	1.2	.2								4.[illegible]	5.1
NE	.4	2.0	1.2	.2								3.[illegible]	[illegible]
ENE	.9	2.0	2.0	.1								5.1	5.1
E	.9	4.7	2.7	.5								8.[illegible]	5.[illegible]
ESE	.9	2.0	.8									3.[illegible]	4.9
SE	.4	1.3	.6									2.[illegible]	[illegible]
SSE	.0	.9	.6									2.1	4.9
S	.6	1.5	1.2	.2								3.[illegible]	5.3
SSW	.5	2.1	1.9	1.1								5.6	7.1
SW	.1	2.6	4.4	1.7								8.[illegible]	8.1
WSW	.6	2.0	6.4	3.4	.1							12.[illegible]	9.3
W	.2	1.4	5.7	3.4								10.[illegible]	9.[illegible]
WNW		.6	1.3	1.1								3.[illegible]	9.3
NW		.7	.4	.1								1.2	5.4
NNW		.2	.4									.6	7.[illegible]
VARBL	1.3	1.3	.4	.2								3.2	4.9
CALM												16.2	
	8.9	29.7	32.7	12.4	.1							100.[illegible]	6.1

TOTAL NUMBER OF OBSERVATIONS 845

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) 2 (MONTH)

ALL WEATHER (CLASS) 18 -2 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.2	1.9									4.1	4.2
NNE	.6	.6	1.9									3.2	5.3
NE	1.6	1.0	.3									2.9	3.[illegible]
ENE	.3	2.5	.3	.3								3.[illegible]	5.4
E	1.9	3.8	1.3									7.[illegible]	5.[illegible]
ESE	1.9	1.0										2.9	3.1
SE	.3	1.6	1.0									2.9	5.3
SSE	1.0	1.6	.6									3.2	4.4
S	.3	2.5	.6									3.[illegible]	5.3
SSW	1.6	3.2	2.5	.6								8.[illegible]	[illegible]
SW	1.6	1.6	4.1	.6								8.[illegible]	5.[illegible]
WSW	1.3	1.6	8.6	1.6								13.1	4.4
W		2.2	2.9	1.3								6.4	[illegible]
WNW	.3	.3	.6	1.0								2.2	9.1
NW	.6	.3										1.[illegible]	3.3
NNW		.3	.3									.[illegible]	4.[illegible]
VARBL	1.9	1.3		.3								3.[illegible]	3.[illegible]
CALM												24.2	
	15.3	27.7	27.1	5.7								100.[illegible]	4.7

TOTAL NUMBER OF OBSERVATIONS 3[illegible]4

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60,68 (YEARS) (MONTH)

ALL WEATHER (CLASS) 21 -23. (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 47	48 - 55	≥55	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												100.0	
												100.0	.0

TOTAL NUMBER OF OBSERVATIONS 6

USAFETAC FORM AA 44 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
STAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 6[illegible]64 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.0		1.0								2.[illegible]	[illegible]
NNE													
NE													
ENE		1.0										1.[illegible]	4.[illegible]
E	1.0	1.0	1.0									3.[illegible]	4.[illegible]
ESE													
SE													
SSE													
S		1.0										1.[illegible]	[illegible]
SSW	2.0	2.0	2.0	1.0								7.[illegible]	4.3
SW		2.0	4.0									6.[illegible]	[illegible]
WSW	3.0	3.0										6.[illegible]	4.[illegible]
W	3.0	2.0		2.0								7.[illegible]	[illegible]
WNW													
NW													
NNW													
VARBL													
CALM												67.[illegible]	
	9.0	13.0	7.0	4.0								100.[illegible]	2.[illegible]

TOTAL NUMBER OF OBSERVATIONS 1[illegible]

USAFETAC FORM JUL 64 0-0-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4		.1									.5	1.4
NNE	.3	.5	.3									1.2	5.3
NE	.4	.8	.5									1.7	5.4
ENE	.7	.5	.2									1.4	4.2
E	.8	.9	.2									1.9	4.4
ESE	.2	.2										.4	3.5
SE		.1										.1	5.
SSE													
S	.4	.5	.4									1.4	5.
SSW	.8	1.5	.8	.4								3.5	6.2
SW	1.3	2.3	3.1	1.0								7.7	7.1
WSW	1.4	3.4	2.0	.8								8.4	6.7
W	1.7	2.6	.8	.3								5.5	5.1
WNW	.1	.4										.5	4.
NW		.4	.3									.9	6.2
NNW		.2	.1									.3	5.7
VARBL	.9	.1	.1									1.1	2.4
CALM												63.5	
	9.5	14.6	9.8	2.5								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 916

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	.6									1.2	5.2
NNE	1.8	.9	.4	.1								3.2	4.4
NE	.8	1.5	.5	.1								2.9	5.1
ENE	.8	.3	.5	.3								2.[illegible]	4.[illegible]
E	1.3	1.9	1.6	.3								5.1	5.4
ESE	.4	.1	.2									.7	4.2
SE		.1	.1	.1								.3	8.[illegible]
SSE	.2		.1									.3	4.7
S	.2	.5	.3									1.1	5.2
SSW		1.6	1.4	.5	.1							3.6	8.[illegible]
SW	.8	3.2	4.1	1.2	.1							9.4	7.8
WSW	.6	4.7	4.9	1.8	.1							12.4	7.7
W	1.7	1.6	1.8	.7								5.8	6.4
WNW	.1	.1	.4	.4	.1							1.2	1[illegible].1
NW		.3	.2	.1								.6	7.5
NNW	.1	.3	.3									.7	6.[illegible]
VARBL	1.5	.7	.2	.2								2.6	3.7
CALM												46.[illegible]	
	10.8	18.2	17.8	5.9	.4							100.[illegible]	3.[illegible]

TOTAL NUMBER OF OBSERVATIONS 95[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

36070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 12 -14 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.0	1.2	.2								3.	5.4
NNE	1.3	.9	.9	.2								3.	5.2
NE	1.7	1.5	.7									3.	4.4
ENE	1.6	2.1	2.3	.9								7.	5.4
E	2.7	2.8	2.9	.5								9.	5.7
ESE	.7	.9										1.	3.7
SE		.2	.1									.	5.7
SSE													
S	.3	.7	.7	.3								2.	6.5
SSW	.4	1.3	3.1	.2								5.	7.3
SW	.2	2.7	6.2	1.8		.1						11.	8.4
WSW	.4	2.8	6.1	2.1	.2	.1						11.	8.5
W	.7	2.6	3.3	2.0	.1	.1						8.7	8.4
WNW	.1	.1	.5	.3								1.1	8.5
NW		.3	.7									1.	7.1
NNW	.1	.2	.4	.2								1.	8.9
VARBL	2.3	.7	.8									3.7	3.5
CALM												26.	
	13.2	20.7	29.8	8.8	.3	.3						100.	5.2

TOTAL NUMBER OF OBSERVATIONS 921

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 15 -17 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.7	1.2									2.1	5.6
NNE	1.7	1.3	.4									3.8	4.
NE	1.0	2.8	1.0	.2								5.0	5.2
ENE	1.0	1.9	1.7	.6								5.2	6.8
E	2.0	3.1	2.0	.7								7.8	5.5
ESE	1.2	1.3	.3									2.8	4.2
SE		1.3	.3									1.7	3.6
SSE	.2	.3	.3	.1								1.0	6.7
S	.6	1.1	1.5	.1								3.3	5.3
SSW	.7	2.7	2.5	.4								6.3	6.7
SW	1.2	3.5	4.5	1.3	.1							10.6	7.3
WSW	.2	2.8	6.3	1.9		.1						11.3	8.5
W	.8	2.4	3.4	1.9		.1						8.6	8.2
WNW	.3	.3	.6		.1							1.3	5.2
NW		.1	.2	.3								.7	9.7
NNW		.2	.4									.7	7.3
VARBL	1.9	.8	.3									3.0	3.6
CALM												24.9	
	13.1	26.9	27.1	7.5	.2	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 890

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥56	%	MEAN WIND SPEED
N		1.3										1.3	4.5
NNE	.7	1.6	1.0									3.3	5.[illegible]
NE	.7	.7	.7									2.[illegible]	5.[illegible]
ENE	.7	1.6	1.3									3.5	5.[illegible]
E	1.0	2.6	.7									4.[illegible]	4.[illegible]
ESE		1.0										1.[illegible]	4.[illegible]
SE													
SSE	1.0	1.0	1.0									2.[illegible]	5.6
S	1.3	2.3	1.3									4.[illegible]	5.3
SSW	2.0	3.3	2.0									7.[illegible]	5.4
SW	1.0	2.9	2.9	.3								7.[illegible]	6.[illegible]
WSW	1.3	1.0	2.3	1.3								5.[illegible]	7.[illegible]
W	.3	2.9	2.6	.3	.3							6.[illegible]	7.4
WNW		.3										.3	6.[illegible]
NW		.3										.3	4.[illegible]
NNW	.3	.7	.3									1.3	4.5
VARBL	1.6											1.[illegible]	2.[illegible]
CALM												46.4	
	11.8	23.5	16.0	2.0	.3							100.[illegible]	3.1

TOTAL NUMBER OF OBSERVATIONS 306

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-64 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1										1.1	[illegible]
NNE	1.1		1.1									2.2	[illegible]
NE	1.1		3.3									4.4	[illegible]
ENE	1.1	2.2	2.2									5.5	[illegible]
E	1.1		1.1									2.2	[illegible]
ESE		1.1										1.1	[illegible]
SE	1.1		1.1									2.2	[illegible]
SSE													
S		2.2										2.2	4.5
SSW	2.2	3.3		1.1								6.6	[illegible]
SW	1.1	4.4	3.3	1.1	1.1	1.1						12.1	[illegible]
WSW	2.2	5.5	2.2	4.4								14.3	7.2
W		2.2	1.1									3.3	6.7
WNW	1.1	1.1										2.2	4.5
NW													
NNW		1.1										1.1	[illegible]
VARBL													
CALM												39.6	
	12.1	24.2	15.4	6.6	1.1	1.1						100.[illegible]	4.2

TOTAL NUMBER OF OBSERVATIONS 91

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.9	.2									1.4	4.[illegible]
NNE	.5	1.4	.2									2.1	5.[illegible]
NE	.7	1.2	.8									2.7	5.[illegible]
ENE	.1	1.4	1.7	.4								3.[illegible]	7.2
E	.6	2.1	1.1	.2								4.[illegible]	5.[illegible]
ESE	.4	.7	.4	.1								1.5	5.[illegible]
SE	.4	.4	.4									1.1	5.1
SSE	.5	.6	.1									1.2	3.9
S	1.1	.9	.6	.2								2.[illegible]	3.1
SSW	.6	1.4	1.9	1.1								5.[illegible]	7.[illegible]
SW	1.7	2.7	6.5	2.4	.2	.1						13.[illegible]	[illegible].2
WSW	2.0	2.7	5.6	2.3	.2							12.[illegible]	7.[illegible]
W	1.4	1.2	1.8	.4								4.7	5.[illegible]
WNW		.2										.2	4.5
NW	.1	.1	.2									.[illegible]	6.3
NNW		.1										.1	5.[illegible]
VARBL	.6			.2								.[illegible]	4.[illegible]
CALM												41.6	
	10.8	18.3	21.5	7.2	.5	.1						100.[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 843

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-7C (YEARS)

ALL WEATHER (CLASS) (MONTH) 59[illegible]-11

(CONDITION) (HOURS (L S T))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	.2									1.[illegible]	[illegible]
NNE	.7	1.6	.7									3.[illegible]	4.[illegible]
NE	1.0	1.0	1.3	.2								3.4	5.[illegible]
ENE	1.0	1.6	1.9	.9								5.3	7.[illegible]
E	1.3	1.9	1.0	.6								4.[illegible]	[illegible]
ESE	.3	.6	.3									1.3	4.[illegible]
SE	.1	.6	.4	.1								1.[illegible]	[illegible]
SSE	.1	1.1	.1									1.[illegible]	5.[illegible]
S	.6	1.3	.3									2.[illegible]	[illegible]
SSW	.5	1.2	1.1	.4	.1							3.3	7.3
SW	1.0	3.0	7.9	3.1								15.[illegible]	[illegible]
WSW	.9	2.8	5.3	2.8	.3							12.1	[illegible]
W	1.1	1.9	2.8	.7								6.[illegible]	[illegible]
WNW	.4		.3									.7	[illegible]
NW													
NNW		.2										.2	4.5
VARBL	.6	.3	.1									1.1	[illegible]
CALM												37.3	
	9.9	19.7	23.8	8.9	.4							100.[illegible]	4.4

TOTAL NUMBER OF OBSERVATIONS 936

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

94070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12 -14 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	.8	.2								2.5	5.[illegible]
NNE	1.6	1.8	1.1									4.5	4.[illegible]
NE	.4	.7	1.1									2.2	6.2
ENE	1.7	1.1	2.0	1.4								6.2	7.3
E	.8	2.2	3.3	.9								7.2	7.2
ESE	.3	1.0	.2									1.5	4.4
SE	.3	.7	.7									1.7	5.3
SSE	.3	.6	.4									1.3	5.6
S	.2	1.0	.6									1.8	5.9
SSW	.1	.8	2.4	.8		.1						4.2	8.5
SW	.9	3.1	7.3	3.6	.4	.2	.1					15.7	9.1
WSW	.4	1.7	5.5	4.3	.3							12.2	9.9
W	.7	1.9	3.1	2.1								7.8	8.2
WNW	.1		.4	.1								.7	8.3
NW	.1	.1		.1								.3	7.0
NNW	.2	.1										.3	3.0
VARBL	1.2	.6	.1									1.9	3.2
CALM												27.7	
	9.8	18.5	29.2	13.6	.8	.3	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 898

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 15[illegible]-1[illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	.7	.2								2.[illegible]	[illegible]
NNE	.7	2.1	.6	.2								3.[illegible]	5.[illegible]
NE	1.3	1.3	1.5	.1								4.[illegible]	5.2
ENE	1.5	2.4	2.3	.7								6.[illegible]	[illegible].4
E	1.5	3.5	1.3	.4								6.7	5.[illegible]
ESE	1.0	.7	.4									2.1	4.[illegible]
SE	.7	1.5	.6									2.[illegible]	[illegible]
SSE	.2	.2	.1									.5	5.[illegible]
S	.4	1.0	.7									2.1	5.[illegible]
SSW	.6	2.1	2.3	.2								5.2	6.6
SW	.9	3.3	5.7	2.2	.2	.2	.1					12.[illegible]	[illegible]
WSW	.6	2.7	6.9	4.5	.7							15.4	9.5
W	.4	1.5	3.0	.9								5.7	7.[illegible]
WNW	.1	.6	.1	.2								1.1	6.[illegible]
NW		.2	.2									.5	7.[illegible]
NNW	.1	.2	.5									.9	5.9
VARBL	1.0	.7			.1							1.[illegible]	4.1
CALM												25.[illegible]	
	11.4	25.2	27.1	9.7	1.1	.2	.1					100.[illegible]	5.4

TOTAL NUMBER OF OBSERVATIONS 323

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-66,68-69 (YEARS) (MONTH)

ALL WEATHER (CLASS) 1[illegible]-2[illegible] (HOURS (EST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	.4									1.[illegible]	[illegible]
NNE	.4	.9	.9									3.1	[illegible]
NE	.9	2.2	1.3									4.[illegible]	[illegible]
ENE	1.8	1.8	.9	.9								5.4	[illegible]
E	2.2	.9	1.3	.4								4.[illegible]	[illegible]
ESE		.4										.4	[illegible]
SE	.4	1.8										2.[illegible]	4.4
SSE	.9											.[illegible]	2.5
S	1.3	1.3	.4	.4								3.6	5.8
SSW	.9	3.6	.4									4.[illegible]	5.[illegible]
SW	.9	3.6	4.9	1.3	1.3							12.1	[illegible].6
WSW	.9	3.6	6.7	4.9	.4							16.6	9.3
W	.4	.9	1.3									2.7	[illegible].2
WNW		.4		.9								1.3	9.7
NW			.4	.4								.9	1[illegible].[illegible]
NNW		1.3										1.3	5.3
VARBL	.4	.4										.9	3.[illegible]
CALM												32.3	
	12.1	25.1	19.3	9.4	1.8							100.[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 223

USAFETAC FORM JUL 64 085 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 66 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												100.[illegible]	
												100.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-64 (YEARS) 3 (MONTH)

ALL WEATHER (CLASS) 3 - 5 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2		1.2									2.4	5.5
NNE		3.6	1.2									4.[illegible]	[illegible]
NE		1.2	3.6	1.2								6.[illegible]	[illegible]
ENE			2.4	1.2								3.[illegible]	[illegible]
E	1.2		2.4									3.[illegible]	[illegible]
ESE	1.2	1.2										2.4	[illegible]
SE	1.2	1.2										2.4	3.5
SSE													
S													
SSW	1.2	1.2										2.4	3.5
SW	1.2	1.2	4.8	3.6	2.4							13.1	[illegible]
WSW	1.2		6.0	1.2	1.2							9.5	9.1
W	1.2	1.2	1.2	2.4								[illegible]	[illegible]
WNW													
NW			1.2	1.2								2.4	5.5
NNW	1.2											1.2	3.[illegible]
VARBL													
CALM												40.[illegible]	
	10.7	10.7	23.8	10.7	3.6							100.[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 84

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	.6									1.4	4.9
NNE	1.1	1.1		.1								2.4	4.8
NE	.7	1.5	.9	.6								3.7	5.4
ENE	.6	1.4	1.5	.5								4.0	5.0
E	1.7	2.1	1.5									5.3	5.1
ESE	.2	1.0	.1									1.4	4.7
SE	.2	.6	.5									1.4	5.7
SSE		.2	.1									.4	5.0
S	.2	.2	.1									.5	4.5
SSW	.6	1.0	.2	.2								2.1	5.5
SW	1.0	1.4	3.5	1.9	.9	.1						8.7	9.5
WSW	1.6	2.9	7.1	4.5	.5							16.8	8.6
W	1.5	2.5	1.6	1.2	.1							6.9	7.[illegible]
WNW	.2	.4										.7	4.[illegible]
NW	.4	.2	.2									.8	5.[illegible]
NNW	.2	.2	.1									.5	4.4
VARBL	.5	.5		.1								1.1	4.9
CALM												41.9	
	11.3	17.9	18.1	9.2	1.5	.1						100.[illegible]	4.2

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) C (MONTH)

ALL WEATHER (CLASS) 09 -11. (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.3	.5									1.2	5.2
NNE	.7	.6	.5	.1								2.[illegible]	5.2
NE	.7	1.3	.9	.5								3.2	5.7
ENE	.9	1.8	2.1	.8								5.7	5.[illegible]
E	1.4	2.5	2.7	.2								6.[illegible]	5.2
ESE	.1	1.3	.5									1.9	5.7
SE	.3	.3	.4	.1								1.[illegible]	5.5
SSE		.1										.1	[illegible]
S	.3	.5	.4									1.2	5.3
SSW	.3	1.2	.8	.1	.1							2.[illegible]	7.2
SW	.8	1.8	4.0	1.9	.8							9.3	9.1
WSW	1.0	2.9	6.6	3.7	.8							15.1	9.7
W	1.6	1.7	3.6	1.2	.1		.1					8.3	7.3
WNW		.1	.1									.3	7.[illegible]
NW	.3	.3										.[illegible]	3.2
NNW	.2	.4										.5	4.3
VARBL	2.0	.2		.3								2.[illegible]	3.3
CALM												37.[illegible]	
	11.4	17.5	23.2	8.9	1.9		.1					100.[illegible]	4.7

TOTAL NUMBER OF OBSERVATIONS 955

USAFETAC FORM 0-8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
1 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) (MONTH)

ALL WEATHER (CLASS) 12 -14 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	.4	.1								2.3	5.5
NNE	.7	.9	.7	.2								2.4	6.[illegible]
NE	.7	2.0	1.4	.3								4.4	6.3
ENE	.7	2.3	2.0	.8								5.7	6.9
E	1.6	3.1	3.1	.8								8.5	6.3
ESE	.3	1.5	.5									2.4	5.1
SE	.3	.1	.2	.1								.[illegible]	5.7
SSE	.2	.1	.1									.4	4.3
S	.1	.7	.7	.1								1.5	6.6
SSW	.5	1.4	.8	.2								3.[illegible]	6.2
SW	.8	2.5	3.7	4.3	.5							11.[illegible]	9.5
WSW	.5	2.1	5.7	3.7	.5							12.6	9.5
W	.3	1.3	4.6	2.5	.5	.1						9.4	[illegible].1
WNW	.1	.1	.7	.2	.1							1.2	[illegible]
NW	.3	.3	.3									1.[illegible]	5.[illegible]
NNW	.3	.2	.1									.7	4.5
VARBL	2.4	.2	.1									2.7	2.4
CALM												29.1	
	10.4	20.2	25.1	13.4	1.8	.1						100.[illegible]	5.5

TOTAL NUMBER OF OBSERVATIONS 913

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) 15[illegible]-17[illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.6	.6	.1								2.1	[illegible]
NNE	.6	1.0	1.0									2.6	[illegible]
NE	.9	.9	1.1	.7								3.6	[illegible]
ENE	2.4	3.0	2.0	.4								7.7	5.4
E	2.9	3.1	1.1									7.1	4.4
ESE	.5	1.1										1.6	4.2
SE	.1	1.0	.2									1.4	5.2
SSE	.2	.4	.1									.7	[illegible]
S	.6	.6	.2	.1								1.5	4.7
SSW	1.2	2.0	.4	.5								4.1	[illegible]
SW	.5	1.9	4.5	3.6	.7	.1						11.3	[illegible]
WSW	.5	3.7	6.9	2.2	.6	.1						14.1	[illegible]
W	.4	1.5	5.0	2.1		.1						9.1	[illegible]
WNW	.1	.5	.5		.1							1.2	7.2
NW	.2	.5	.1		.1							1.[illegible]	[illegible]
NNW	.1	.5	.5	.2								1.4	[illegible]
VARBL	1.1	.2			.2							1.6	[illegible]
CALM												27.9	
	13.2	23.5	24.2	10.0	1.9	.4						100.[illegible]	5.2

TOTAL NUMBER OF OBSERVATIONS 806

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-66,68-69 (YEARS) (MONTH)

ALL WEATHER (CLASS) 18[illegible]-2[illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.9									.9	[illegible]
NNE	.9	1.4	.5									2.[illegible]	4.2
NE	1.9	.9	1.4									4.2	5.4
ENE		.5	1.4	.5								2.4	5.[illegible]
E	2.4	2.8	1.4									6.6	4.5
ESE	1.9	.5										2.4	2.[illegible]
SE	.5	.9										1.4	3.7
SSE		.9										.9	5.[illegible]
S	.9											.9	3.[illegible]
SSW	.5	1.4	.9	.9								3.8	7.6
SW		1.9	8.5	2.8	1.4							14.6	1[illegible].4
WSW	.5	3.8	5.2	1.9	1.9	.5						13.7	9.8
W	3.3	2.4	5.2									10.8	6.2
WNW	.5	.9			.5							1.9	7.3
NW													
NNW	.5	.5	.5									1.4	5.3
VARBL	.9											.9	2.5
CALM												30.2	
	14.6	18.9	25.9	6.1	3.8	.5						100.[illegible]	5.2

TOTAL NUMBER OF OBSERVATIONS 212

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 66 (YEARS) (MONTH)

ALL WEATHER (CLASS) 21^.-23.^ (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW		50.0										50.^	4.^
W		50.0										50.^	4.^
WNW													
NW													
NNW													
VARBL													
CALM												.^	
		100.0										100.^	4.^

TOTAL NUMBER OF OBSERVATIONS 2

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

340"0 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) ALL (MONTH)

INSTRUMENT (CLASS) ALL (HOURS (L S T))

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
(CONDITION)
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.8	.4	.1								1.9	5.0
NNE	1.1	1.5	.4	.0								3.[illegible]	4.5
NE	1.4	1.5	.5	.0								3.8	4.5
ENE	1.5	1.9	.9	.2								4.6	5.2
E	2.3	3.1	1.4	.2								7.[illegible]	5.[illegible]
ESE	.7	1.3	.2	.0								2.3	4.5
SE	.2	.6	.3	.0								1.2	5.4
SSE	.3	.4	.1									.[illegible]	4.3
S	.5	.3	.1									.6	4.1
SSW	.3	.6	.4	.2	.0							1.6	6.5
SW	.6	1.1	1.3	.7	.1	.0						3.9	7.6
WSW	.9	1.4	1.5	.9	.2	.0						4.9	7.7
W	1.0	1.2	.8	.3	.0	.0						3.6	5.9
WNW	.1	.1	.2	.1	.0							.6	7.3
NW	.1	.1	.1	.0	.0							.4	5.7
NNW	.2	.2	.2	.0								.6	6.2
VARBL	1.3	.2		.0								1.4	2.2
CALM												58.3	
	13.2	16.3	8.9	2.9	.4	.1						100.[illegible]	2.3

TOTAL NUMBER OF OBSERVATIONS 9635

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

* Low percentages in visibility column ≥ 10 miles for some months and month-hour groups are due to station reporting a maximum visibility of 7 miles for these observations.

D

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AFB (STATION NAME) 59-70 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	>½	≥5/16	≥¼	≥0
NO CEILING		17.5	19.8	22.6	23.6	24.6	26.0	26.7	27.1	27.6	27.9	28.0	28.1	28.2	28.2	28.3
≥ 20000		23.5	26.4	29.8	31.4	32.5	34.3	35.1	35.6	36.3	36.7	36.9	37.1	37.3	37.3	37.5
≥ 18000		23.5	26.4	29.8	31.4	32.5	34.3	35.1	35.6	36.3	36.7	36.9	37.1	37.3	37.3	37.5
≥ 16000		23.5	26.4	29.8	31.4	32.5	34.3	35.1	35.6	36.3	36.7	36.9	37.1	37.3	37.3	37.5
≥ 14000		23.6	26.5	29.9	31.5	32.6	34.4	35.2	35.7	36.4	36.8	37.0	37.2	37.4	37.4	37.6
≥ 12000		23.9	26.9	30.3	31.8	32.9	34.7	35.6	36.1	36.8	37.2	37.4	37.6	37.8	37.8	38.0
≥ 10000		25.5	28.7	32.3	33.9	35.1	37.0	37.9	38.4	39.2	39.6	39.8	40.0	40.2	40.2	40.4
≥ 9000		27.0	30.4	34.2	35.9	37.1	39.1	40.0	40.6	41.4	41.8	42.0	42.2	42.4	42.5	42.7
≥ 8000		30.7	34.5	38.8	40.8	42.1	44.3	45.4	46.1	47.0	47.4	47.6	47.8	48.1	48.1	48.3
≥ 7000		33.1	37.1	41.7	43.8	45.2	47.6	48.9	49.6	50.5	51.0	51.2	51.5	51.7	51.8	52.0
≥ 6000		34.1	38.3	43.0	45.2	46.6	49.1	50.3	51.1	52.1	52.6	52.8	53.1	53.3	53.3	53.5
≥ 5000		36.0	40.5	45.5	47.8	49.3	51.9	53.2	54.0	55.1	55.6	55.8	56.0	56.3	56.3	56.5
≥ 4500		37.5	42.1	47.2	49.6	51.2	53.8	55.1	55.9	57.0	57.5	57.7	58.0	58.2	58.3	58.5
≥ 4000		40.3	45.3	50.9	53.4	55.1	57.8	59.2	60.1	61.2	61.7	62.0	62.2	62.5	62.5	62.8
≥ 3500		43.6	48.8	54.6	57.6	59.4	62.2	63.7	64.6	65.7	66.2	66.5	66.8	67.1	67.1	67.4
≥ 3000		48.8	54.6	61.3	64.4	66.3	69.5	71.2	72.1	73.5	74.1	74.4	74.7	75.0	75.1	75.3
≥ 2500		53.6	60.2	67.8	71.2	73.4	77.0	78.9	80.0	81.5	82.2	82.6	83.0	83.3	83.3	83.6
≥ 2000		55.3	62.1	70.1	73.6	76.0	79.9	81.9	83.1	84.8	85.6	85.9	86.6	86.7	86.7	87.0
≥ 1800		55.8	62.7	70.7	74.5	76.8	80.8	82.8	84.0	85.7	86.5	86.9	87.3	87.7	87.7	88.0
≥ 1500		56.8	63.8	72.2	76.1	78.5	82.6	85.0	86.4	88.2	89.0	89.5	89.9	90.3	90.3	90.6
≥ 1200		57.5	64.7	73.2	77.3	79.9	84.5	86.9	88.3	90.2	91.1	91.6	92.0	92.5	92.5	92.8
≥ 1000		57.7	65.0	73.6	77.8	80.4	85.2	87.7	89.3	91.5	92.5	93.0	93.5	94.0	94.0	94.3
≥ 900		57.8	65.1	73.7	77.9	80.6	85.4	88.0	89.5	91.8	92.9	93.4	93.9	94.4	94.4	94.7
≥ 800		57.8	65.1	73.7	78.0	80.7	85.5	88.2	89.8	92.3	93.4	93.9	94.5	95.0	95.0	95.3
≥ 700		57.8	65.2	73.7	78.0	80.7	85.6	88.3	90.0	92.8	93.8	94.4	95.0	95.5	95.5	95.9
≥ 600		57.8	65.2	73.8	78.0	80.7	85.6	88.4	90.1	92.8	94.1	94.7	95.4	95.9	95.9	96.3
≥ 500		57.8	65.2	73.8	78.0	80.7	85.7	88.5	90.2	93.0	94.4	95.1	95.8	96.5	96.5	96.9
≥ 400		57.8	65.2	73.8	78.0	80.7	85.7	88.5	90.2	93.1	94.6	95.2	96.1	96.9	96.9	97.4
≥ 300		57.8	65.2	73.8	78.0	80.7	85.7	88.5	90.2	93.1	94.7	95.4	96.3	97.3	97.4	98.1
≥ 200		57.8	65.2	73.8	78.0	80.7	85.7	88.5	90.2	93.2	94.7	95.5	96.4	97.5	97.6	98.7
≥ 100		57.8	65.2	73.8	78.0	80.7	85.7	88.5	90.2	93.2	[illegible]	95.5	96.4	97.5	97.7	99.4
≥ 0		57.8	65.2	73.8	78.0	80.8	85.7	88.5	90.2	93.2	[illegible]	95.5	96.4	97.5	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 47609

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		5.5	7.9	10.6	11.6	12.5	14.6	15.5	16.1	16.7	17.1	17.3	17.4	17.6	17.6	17.6
≥ 20000		7.0	9.8	12.8	14.0	15.1	17.6	18.9	19.5	20.5	21.0	21.2	21.4	21.6	21.6	21.8
≥ 18000		7.0	9.8	12.8	14.0	15.1	17.6	18.9	19.5	20.5	21.0	21.2	21.4	21.6	21.6	21.8
≥ 16000		7.0	9.8	12.8	14.0	15.1	17.6	18.9	19.5	20.5	21.0	21.2	21.4	21.6	21.6	21.8
≥ 14000		7.0	9.8	12.8	14.0	15.1	17.6	18.9	19.5	20.5	21.0	21.2	21.4	21.6	21.6	21.8
≥ 12000		7.1	9.9	12.9	14.2	15.3	17.8	19.0	19.7	20.6	21.2	21.4	21.6	21.8	21.8	22.0
≥ 10000		7.2	10.2	13.3	14.6	15.8	18.3	19.6	20.3	21.3	21.9	22.2	22.4	22.6	22.6	22.8
≥ 9000		8.1	11.1	14.3	15.8	16.9	19.6	21.1	21.8	22.9	23.6	23.8	24.1	24.3	24.2	24.4
≥ 8000		10.1	13.5	17.0	18.7	20.1	23.1	24.6	25.4	26.8	27.5	27.7	28.0	28.2	28.2	28.4
≥ 7000		11.8	15.3	19.0	20.9	22.5	25.8	27.7	28.6	30.1	30.9	31.2	31.4	31.6	31.6	31.8
≥ 6000		12.4	16.1	19.9	21.8	23.5	26.9	28.7	29.6	31.2	32.0	32.2	32.5	32.7	32.7	32.9
≥ 5000		13.3	17.2	21.4	23.5	25.1	28.7	30.8	31.7	33.4	34.2	34.5	34.8	35.0	35.0	35.2
≥ 4500		14.5	18.7	23.5	25.8	27.4	31.1	33.3	34.2	35.9	36.7	37.0	37.3	37.5	37.5	37.7
≥ 4000		16.4	21.1	26.4	29.1	30.7	34.6	36.8	37.8	39.6	40.5	40.8	41.1	41.3	41.3	41.5
≥ 3500		18.5	23.6	29.4	32.3	34.1	38.2	40.5	41.5	43.4	44.3	44.6	45.0	45.2	45.2	45.4
≥ 3000		22.7	28.9	35.5	38.7	40.8	45.4	48.1	49.2	51.5	52.5	52.8	53.3	53.7	53.7	53.9
≥ 2500		26.9	34.1	42.6	46.6	49.1	54.6	57.5	59.0	61.9	63.1	63.5	64.3	64.8	64.8	65.0
≥ 2000		28.6	36.3	45.4	49.6	52.2	58.7	62.1	63.7	67.1	68.4	68.8	69.7	70.2	70.2	70.5
≥ 1800		29.3	37.1	46.4	50.8	53.7	60.4	63.9	65.6	69.1	70.5	70.9	71.8	72.3	72.3	72.6
≥ 1500		30.2	38.1	48.3	53.1	56.2	63.7	67.7	69.5	73.4	74.9	75.5	76.4	77.0	77.0	77.3
≥ 1200		31.0	39.3	49.6	54.6	57.9	66.1	70.6	72.7	77.2	78.9	79.5	80.4	81.2	81.2	81.5
≥ 1000		31.4	39.6	50.1	55.3	58.9	67.6	72.7	75.4	80.8	82.7	83.5	84.5	85.4	85.4	85.8
≥ 900		31.4	39.7	50.2	55.5	59.1	68.2	73.2	76.0	81.3	83.5	84.4	85.4	86.3	86.3	86.7
≥ 800		31.4	39.7	50.3	55.7	59.3	68.5	73.9	76.8	82.5	84.9	85.9	87.0	87.9	87.9	88.3
≥ 700		31.4	39.7	50.3	55.7	59.3	68.6	74.2	77.2	83.2	86.0	87.1	88.3	89.2	89.3	89.7
≥ 600		31.4	39.7	50.3	55.7	59.3	68.6	74.3	77.3	83.5	86.5	87.7	89.0	90.1	90.2	90.6
≥ 500		31.5	39.8	50.3	55.7	59.4	68.6	74.3	77.3	83.6	87.0	88.5	90.3	91.8	91.9	92.6
≥ 400		31.5	39.8	50.3	55.7	59.4	68.6	74.3	77.3	83.7	87.3	88.9	90.7	92.7	92.9	93.7
≥ 300		31.5	39.8	50.3	55.7	59.4	68.6	74.3	77.3	83.8	87.5	89.1	91.3	93.8	94.2	95.5
≥ 200		31.5	39.8	50.3	55.7	59.4	68.6	74.3	77.3	83.9	87.6	89.3	91.4	94.1	94.7	96.7
≥ 100		31.5	39.8	50.3	55.7	59.4	68.6	74.3	77.3	83.9	87.7	89.3	91.5	94.2	95.0	98.8
≥ 0		31.5	39.8	50.3	55.7	59.4	68.6	74.3	77.3	83.9	87.7	89.3	91.5	94.2	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3633

USAFETAC FORM AA 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		11.5	13.7	15.9	17.0	17.8	19.7	20.7	21.2	22.1	22.7	23.0	23.4	23.7	23.7	23.7
≥ 20000		14.1	17.1	20.0	21.6	22.6	25.4	26.5	27.2	28.5	29.3	29.8	30.4	30.7	30.8	30.8
≥ 18000		14.1	17.1	20.0	21.6	22.6	25.4	26.5	27.2	28.5	29.3	29.8	30.4	30.7	30.8	30.8
≥ 16000		14.1	17.1	20.0	21.6	22.7	25.4	26.5	27.3	28.5	29.4	29.9	30.5	30.8	30.8	30.8
≥ 14000		14.2	17.2	20.0	21.7	22.7	25.5	26.6	27.3	28.6	29.4	29.9	30.5	30.8	30.9	30.9
≥ 12000		14.3	17.3	20.2	22.0	23.0	25.7	26.9	27.6	28.9	29.7	30.2	30.8	31.2	31.2	31.2
≥ 10000		15.1	18.1	21.2	23.1	24.3	27.3	28.6	29.5	30.8	31.7	32.3	32.8	33.2	33.2	33.2
≥ 9000		16.1	19.2	22.4	24.5	25.7	28.8	30.2	31.2	32.6	33.5	34.1	34.7	35.0	35.0	35.1
≥ 8000		18.6	22.0	25.7	28.2	29.4	32.9	34.7	35.9	37.3	38.4	39.0	39.6	39.9	40.0	40.0
≥ 7000		19.8	23.5	27.3	30.0	31.2	34.8	36.9	38.3	40.2	41.1	41.7	42.4	42.8	42.8	42.9
≥ 6000		20.6	24.4	28.4	31.1	32.4	36.0	38.2	39.6	41.6	42.5	43.2	43.9	44.3	44.3	44.3
≥ 5000		21.7	25.6	29.9	32.6	34.0	37.9	40.0	41.4	43.4	44.4	45.1	45.8	46.2	46.2	46.2
≥ 4500		23.0	27.0	31.5	34.4	35.8	39.7	41.9	43.3	45.4	46.3	47.0	47.7	48.1	48.1	48.2
≥ 4000		25.5	29.9	35.2	38.0	39.7	43.6	45.9	47.4	49.6	50.6	51.3	52.0	52.4	52.4	52.5
≥ 3500		28.2	32.9	38.6	41.7	43.3	47.5	49.9	51.5	53.7	54.7	55.4	56.1	56.5	56.6	56.6
≥ 3000		33.4	39.4	45.8	49.3	51.2	55.8	58.7	60.8	63.2	64.4	65.3	66.2	66.7	66.7	66.7
≥ 2500		37.8	44.7	52.6	56.7	59.3	64.4	67.6	69.7	72.4	73.9	74.8	75.7	76.3	76.3	76.4
≥ 2000		39.4	46.7	54.8	59.3	61.9	67.6	70.9	73.3	76.2	77.8	78.9	80.1	80.7	80.7	80.9
≥ 1800		39.8	47.2	55.4	60.1	62.8	68.6	72.1	74.5	77.4	79.0	80.2	81.5	82.1	82.2	82.3
≥ 1500		41.0	48.6	57.3	62.4	65.3	71.6	75.2	77.8	81.0	82.8	84.2	85.5	86.3	86.4	86.5
≥ 1200		42.2	50.2	59.1	64.5	67.5	74.2	78.0	80.9	84.3	86.3	87.8	89.3	90.1	90.1	90.3
≥ 1000		42.5	50.5	59.5	65.0	68.1	74.9	78.9	81.9	85.9	88.3	89.8	91.5	92.6	92.6	92.8
≥ 900		42.6	50.7	59.6	65.1	68.2	75.1	79.2	82.1	86.2	88.6	90.2	91.9	93.0	93.1	93.3
≥ 800		42.6	50.7	59.7	65.2	68.3	75.2	79.3	82.3	86.5	89.0	90.6	92.4	93.7	93.7	93.9
≥ 700		42.6	50.7	59.7	65.2	68.3	75.2	79.3	82.3	86.6	89.2	91.0	93.0	94.4	94.4	94.6
≥ 600		42.6	50.7	59.7	65.2	68.3	75.2	79.4	82.5	86.8	89.6	91.5	93.6	94.9	95.0	95.2
≥ 500		42.6	50.7	59.7	65.2	68.3	75.2	79.4	82.5	86.9	89.8	91.7	94.0	95.4	95.5	95.8
≥ 400		42.6	50.7	59.7	65.2	68.3	75.2	79.4	82.5	87.0	90.1	92.1	94.5	96.2	96.3	96.7
≥ 300		42.6	50.7	59.7	65.2	68.3	75.2	79.4	82.5	87.0	90.1	92.1	94.5	96.8	97.0	97.7
≥ 200		42.6	50.7	59.7	65.2	68.3	75.2	79.4	82.5	87.0	90.2	92.2	94.6	97.0	97.3	98.3
≥ 100		42.6	50.7	59.7	65.2	68.3	75.2	79.4	82.5	87.0	90.2	92.2	94.6	97.1	97.6	99.3
≥ 0		42.6	50.7	59.7	65.2	68.3	75.2	79.4	82.5	87.0	90.2	92.2	94.6	97.1	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3379

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/MC

CEILING VERSUS VISIBILITY

94070 STATION BAD KREUZNACH GERMANY AAF STATION NAME 60-74 MAR ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		13.9	16.9	19.9	21.1	22.4	24.3	25.3	26.1	26.9	27.5	27.8	27.9	28.1	28.1	28.3
≥ 20000		18.0	21.7	25.8	27.7	29.3	31.6	32.8	33.7	35.1	35.8	36.1	36.3	36.5	36.5	36.7
≥ 18000		18.0	21.7	25.8	27.7	29.3	31.6	32.8	33.7	35.1	35.8	36.1	36.3	36.5	36.5	36.7
≥ 16000		18.0	21.7	25.8	27.7	29.3	31.7	32.8	33.8	35.1	35.8	36.1	36.3	36.5	36.5	36.7
≥ 14000		18.2	21.9	25.9	27.9	29.4	31.8	32.9	33.9	35.2	36.0	36.3	36.5	36.8	36.8	36.9
≥ 12000		18.4	22.2	26.3	28.2	29.8	32.2	33.3	34.3	35.6	36.4	36.7	36.9	37.1	37.1	37.3
≥ 10000		19.5	23.6	27.8	29.9	31.5	33.9	35.2	36.1	37.6	38.5	38.9	39.1	39.4	39.4	39.6
≥ 9000		20.6	25.1	29.5	31.6	33.2	35.7	36.9	37.9	39.4	40.3	40.7	40.9	41.1	41.1	41.3
≥ 8000		22.8	27.7	32.3	34.5	36.2	38.9	40.2	41.4	43.2	44.1	44.5	44.8	45.0	45.0	45.2
≥ 7000		24.7	29.9	34.7	37.0	38.9	41.8	43.2	44.4	46.2	47.2	47.6	47.9	48.1	48.1	48.3
≥ 6000		25.2	30.5	35.4	37.8	39.7	42.7	44.1	45.4	47.3	48.3	48.7	48.9	49.2	49.2	49.4
≥ 5000		26.5	32.3	37.4	40.0	42.0	45.0	46.5	47.8	49.8	50.8	51.2	51.5	51.7	51.7	51.9
≥ 4500		28.0	33.9	39.2	41.9	43.9	46.9	48.4	49.7	51.7	52.8	53.2	53.4	53.7	53.7	53.9
≥ 4000		30.7	37.1	43.1	46.1	48.2	51.4	53.1	54.3	56.0	57.0	58.2	58.5	58.8	58.8	59.0
≥ 3500		34.1	40.9	47.7	51.2	53.4	56.8	58.6	60.1	62.2	63.4	63.8	64.1	64.4	64.4	64.6
≥ 3000		38.9	46.2	54.2	58.1	60.5	64.2	66.2	67.7	70.0	71.3	71.8	72.1	72.4	72.4	72.6
≥ 2500		45.5	53.8	63.4	67.7	70.5	74.7	77.0	78.9	81.6	83.1	83.6	83.9	84.2	84.2	84.4
≥ 2000		47.9	56.5	67.0	71.9	74.7	79.2	81.6	83.5	86.4	87.9	88.5	88.9	89.3	89.3	89.5
≥ 1800		48.7	57.4	67.9	73.0	75.8	80.5	83.0	84.9	87.9	89.4	90.0	90.4	90.7	90.7	90.9
≥ 1500		50.5	59.4	70.1	75.3	78.2	83.4	86.1	88.0	91.0	92.6	93.2	93.6	94.0	94.0	94.2
≥ 1200		51.1	60.2	71.0	76.4	79.3	84.8	87.1	89.6	92.6	94.2	94.8	95.3	95.7	95.7	95.8
≥ 1000		51.5	60.7	71.6	77.0	80.1	85.6	88.[illegible]	90.7	93.9	95.6	96.2	96.7	97.1	97.1	97.3
≥ 900		51.5	60.7	71.6	77.0	80.1	85.6	88.[illegible]	90.7	94.0	95.7	96.3	96.8	97.2	97.2	97.4
≥ 800		51.5	60.7	71.6	77.0	80.1	85.6	88.7	90.9	94.3	96.1	96.7	97.2	97.6	97.6	97.8
≥ 700		51.5	60.7	71.6	77.0	80.1	85.6	88.8	91.2	94.8	96.8	97.4	97.9	98.3	98.3	98.5
≥ 600		51.5	60.7	71.6	77.1	80.2	85.7	88.9	91.2	95.0	97.0	97.6	98.1	98.6	98.6	98.8
≥ 500		51.5	60.7	71.6	77.1	80.2	85.8	89.0	91.3	95.1	97.1	97.7	98.3	98.8	98.8	99.0
≥ 400		51.5	60.7	71.6	77.1	80.2	85.8	89.0	91.4	95.1	97.1	97.8	98.4	98.9	98.9	99.3
≥ 300		51.5	60.7	71.6	77.1	80.2	85.8	89.0	91.4	95.1	97.1	97.8	98.4	99.0	99.0	99.5
≥ 200		51.5	60.7	71.6	77.1	80.2	85.8	89.0	91.4	95.2	97.2	97.8	98.5	99.2	99.2	99.7
≥ 100		51.5	60.7	71.6	77.1	80.2	85.8	89.0	91.4	95.2	97.2	97.8	98.5	99.2	99.2	99.8
≥ 0		51.5	60.7	71.6	77.1	80.2	85.8	89.0	91.4	95.2	97.2	97.8	98.5	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 4095

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0
NO CEILING		21.5	23.5	25.7	26.7	27.2	28.2	28.4	28.5	28.6	28.6	28.6	28.7	28.8	28.8	28.8
≥ 20000		28.4	31.2	34.4	35.6	36.5	37.8	38.2	38.4	38.5	38.5	38.5	38.6	38.7	38.7	38.7
≥ 18000		28.4	31.2	34.4	35.6	36.5	37.8	38.2	38.4	38.5	38.5	38.5	38.6	38.7	38.7	38.7
≥ 16000		28.4	31.2	34.5	35.7	36.5	37.8	38.2	38.4	38.5	38.5	38.6	38.6	38.7	38.7	38.7
≥ 14000		28.4	31.3	34.5	35.7	36.6	37.9	38.3	38.5	38.6	38.6	38.6	38.7	38.8	38.8	38.8
≥ 12000		28.8	31.7	35.0	36.2	37.1	38.3	38.8	38.9	39.1	39.1	39.1	39.2	39.3	39.3	39.3
≥ 10000		30.6	33.6	37.1	38.4	39.4	40.7	41.2	41.3	41.5	41.5	41.6	41.6	41.8	41.8	41.8
≥ 9000		32.2	35.4	39.1	40.5	41.5	42.9	43.4	43.6	43.7	43.8	43.8	43.9	44.1	44.1	44.1
≥ 8000		36.3	40.1	44.5	46.0	47.2	48.8	49.3	49.5	49.6	49.7	49.8	49.9	50.1	50.1	50.1
≥ 7000		38.5	42.6	47.2	48.8	50.1	52.0	52.6	52.8	53.0	53.1	53.2	53.3	53.5	53.5	53.5
≥ 6000		39.7	43.9	48.8	50.4	51.7	53.6	54.2	54.4	54.6	54.7	54.8	54.9	55.1	55.1	55.1
≥ 5000		41.8	46.2	51.5	53.5	54.9	57.0	57.6	57.9	58.1	58.1	58.2	58.3	58.5	58.5	58.6
≥ 4500		43.3	47.8	53.2	55.3	56.8	58.9	59.6	59.8	60.0	60.1	60.1	60.3	60.4	60.4	60.5
≥ 4000		47.5	52.2	58.4	60.7	62.2	64.5	65.2	65.4	65.7	65.7	65.8	65.9	66.1	66.1	66.1
≥ 3500		52.0	57.4	64.2	66.7	68.3	70.8	71.5	71.8	72.0	72.1	72.2	72.3	72.5	72.5	72.6
≥ 3000		59.8	66.1	73.4	75.9	77.9	80.6	81.4	81.7	82.0	82.1	82.2	82.3	82.5	82.5	82.6
≥ 2500		66.4	73.4	81.4	84.2	86.3	89.2	90.1	90.5	90.9	91.1	91.1	91.3	91.5	91.5	91.5
≥ 2000		68.2	75.5	83.8	86.8	89.0	92.1	93.1	93.5	93.9	94.1	94.2	94.4	94.6	94.6	94.7
≥ 1800		68.9	76.3	84.7	87.7	89.9	93.1	94.1	94.4	94.9	95.1	95.2	95.3	95.6	95.6	95.6
≥ 1500		70.0	77.7	86.1	89.4	91.6	93.0	96.1	96.4	96.9	97.1	97.2	97.3	97.6	97.6	97.7
≥ 1200		70.5	78.2	86.7	89.9	92.2	95.8	96.9	97.3	97.8	98.0	98.1	98.2	98.5	98.5	98.5
≥ 1000		70.8	78.5	87.1	90.4	92.7	96.3	97.4	97.8	98.4	98.6	98.7	98.9	99.1	99.1	99.2
≥ 900		70.8	78.5	87.1	90.4	92.7	96.3	97.5	97.9	98.4	98.7	98.8	98.9	99.2	99.2	99.3
≥ 800		70.9	78.6	87.2	90.5	92.8	96.4	97.6	98.0	98.6	98.8	98.9	99.1	99.4	99.4	99.4
≥ 700		70.9	78.6	87.2	90.5	92.8	96.5	97.6	98.1	98.6	98.8	98.9	99.1	99.4	99.4	99.4
≥ 600		70.9	78.6	87.2	90.5	92.8	96.5	97.6	98.1	98.6	98.8	98.9	99.2	99.4	99.4	99.5
≥ 500		70.9	78.6	87.2	90.5	92.8	96.5	97.7	98.1	98.7	98.9	99.0	99.2	99.5	99.5	99.6
≥ 400		70.9	78.6	87.2	90.5	92.8	96.5	97.7	98.1	98.7	98.9	99.0	99.2	99.5	99.5	99.6
≥ 300		70.9	78.6	87.2	90.5	92.8	96.5	97.7	98.1	98.7	98.9	99.0	99.2	99.5	99.5	99.7
≥ 200		70.9	78.6	87.2	90.5	92.8	96.5	97.7	98.1	98.7	98.9	99.0	99.2	99.6	99.6	99.8
≥ 100		70.9	78.6	87.2	90.5	92.8	96.5	97.7	98.1	98.7	98.9	99.0	99.2	99.6	99.6	99.9
≥ 0		70.9	78.6	87.2	90.5	92.8	96.5	97.7	98.1	98.7	98.9	99.0	99.2	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 4179

USAFETAC FORM JX 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY: STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	24.1	26.3	27.9	29.0	29.3	29.9	30.2	30.2	30.2	30.3	30.3	30.4	30.5	30.5	30.5
≥ 20000	36.0	38.8	40.9	42.0	42.4	43.3	43.6	43.6	43.7	43.8	43.8	43.9	44.0	44.0	44.0
≥ 18000	36.0	38.8	40.9	42.0	42.4	43.3	43.6	43.6	43.7	43.8	43.8	43.9	44.0	44.0	44.0
≥ 16000	36.0	38.8	40.9	42.0	42.4	43.3	43.6	43.6	43.7	43.8	43.8	43.9	44.0	44.0	44.0
≥ 14000	36.2	39.1	41.2	42.3	42.7	43.6	43.9	43.9	44.0	44.1	44.1	44.2	44.3	44.3	44.4
≥ 12000	36.6	39.6	41.7	42.8	43.2	44.1	44.4	44.4	44.5	44.6	44.6	44.7	44.8	44.8	44.8
≥ 10000	39.9	42.9	44.3	45.4	45.8	46.8	47.1	47.1	47.2	47.3	47.3	47.4	47.5	47.5	47.6
≥ 9000	40.9	44.3	46.2	47.8	48.2	49.2	49.5	49.5	49.7	49.7	49.8	49.9	49.9	49.9	50.0
≥ 8000	46.5	50.5	53.4	54.7	55.2	56.4	56.6	56.8	56.9	57.0	57.0	57.1	57.2	57.2	57.2
≥ 7000	51.2	55.5	59.3	60.7	61.3	62.6	62.9	63.0	63.2	63.3	63.3	63.4	63.5	63.5	63.5
≥ 6000	52.8	57.2	61.2	62.6	63.2	64.5	64.8	64.9	65.1	65.2	65.2	65.3	65.4	65.4	65.4
≥ 5000	55.7	60.5	64.5	66.0	66.6	67.9	68.2	68.4	68.6	68.7	68.7	68.8	68.9	68.9	68.9
≥ 4500	57.6	62.6	66.6	68.1	68.8	70.1	70.5	70.7	70.8	70.9	70.9	71.1	71.1	71.1	71.2
≥ 4000	60.8	66.3	70.8	72.4	73.2	74.6	74.9	75.1	75.3	75.4	75.4	75.6	75.6	75.6	75.7
≥ 3500	65.4	71.0	75.7	77.5	78.3	79.8	80.2	80.4	80.6	80.6	80.7	80.8	80.9	80.9	80.9
≥ 3000	71.2	77.1	82.3	84.2	85.0	86.6	87.0	87.2	87.4	87.5	87.5	87.6	87.7	87.7	87.8
≥ 2500	76.7	83.3	88.9	90.9	91.8	93.4	93.9	94.2	94.3	94.5	94.6	94.7	94.8	94.8	94.8
≥ 2000	77.9	84.6	90.3	92.4	93.3	95.0	95.6	95.9	96.2	96.3	96.3	96.5	96.6	96.6	96.6
≥ 1800	78.5	85.3	91.0	93.0	94.0	95.6	96.2	96.6	96.9	97.0	97.0	97.1	97.2	97.2	97.3
≥ 1500	79.5	86.3	92.1	94.1	95.1	96.8	97.4	97.8	98.2	98.3	98.3	98.4	98.5	98.5	98.5
≥ 1200	80.0	86.8	92.6	94.8	95.7	97.5	98.2	98.5	99.0	99.1	99.1	99.2	99.3	99.3	99.4
≥ 1000	80.2	87.0	92.9	95.1	96.0	97.7	98.5	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.7
≥ 900	80.2	87.0	92.9	95.1	96.1	97.8	98.5	98.9	99.4	99.5	99.5	99.6	99.7	99.7	99.8
≥ 800	80.2	87.0	92.9	95.1	96.1	97.8	98.5	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.8
≥ 700	80.2	87.0	92.9	95.1	96.1	97.8	98.5	98.9	99.4	99.5	99.5	99.7	99.7	99.7	99.8
≥ 600	80.2	87.0	92.9	95.1	96.1	97.8	98.5	98.9	99.4	99.5	99.5	99.7	99.8	99.8	99.8
≥ 500	80.2	87.0	92.9	95.1	96.1	97.8	98.6	98.9	99.4	99.5	99.6	99.8	99.9	99.9	99.9
≥ 400	80.2	87.0	92.9	95.1	96.1	97.8	98.6	98.9	99.4	99.5	99.6	99.8	99.9	99.9	100.0
≥ 300	80.2	87.0	92.9	95.1	96.1	97.8	98.6	98.9	99.4	99.5	99.6	99.8	99.9	99.9	100.0
≥ 200	80.2	87.0	92.9	95.1	96.1	97.8	98.6	98.9	99.4	99.5	99.6	99.8	99.9	99.9	100.0
≥ 100	80.2	87.0	92.9	95.1	96.1	97.8	98.6	98.9	99.4	99.5	99.6	99.8	99.9	99.9	100.0
0	80.2	87.0	92.9	95.1	96.1	97.8	98.6	98.9	99.4	99.5	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4205

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		30.4	32.9	35.5	36.6	37.2	37.5	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 20000		41.0	44.1	47.3	48.7	49.5	49.9	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.4
≥ 18000		41.0	44.1	47.3	48.7	49.5	49.9	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.4
≥ 16000		41.0	44.1	47.3	48.7	49.5	49.9	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.4
≥ 14000		41.1	44.2	47.5	48.8	49.6	50.1	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5
≥ 12000		41.3	44.5	47.8	49.1	49.9	50.4	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.8
≥ 10000		43.8	47.1	50.5	51.9	52.7	53.2	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6
≥ 9000		45.3	48.7	52.3	53.8	54.7	55.3	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.8
≥ 8000		50.5	54.4	58.5	60.1	60.9	61.7	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000		53.4	57.6	61.8	63.6	64.5	65.2	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8
≥ 6000		55.1	59.5	63.8	65.5	66.5	67.3	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9
≥ 5000		57.6	62.2	66.6	68.4	69.5	70.3	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9
≥ 4500		58.8	63.5	68.0	69.9	70.9	71.8	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72.4
≥ 4000		62.6	67.4	72.1	74.2	75.3	76.2	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.1
≥ 3500		65.6	71.8	75.7	77.9	79.0	79.9	80.3	80.5	80.7	80.7	80.8	80.8	80.9	80.9
≥ 3000		72.0	77.6	83.2	85.6	86.8	87.7	88.1	88.3	88.6	88.6	88.6	88.7	88.8	88.8
≥ 2500		76.3	82.1	88.2	90.7	91.9	92.9	93.3	93.5	93.8	93.8	93.9	93.9	94.0	94.0
≥ 2000		78.3	84.1	90.3	92.9	94.1	95.1	95.5	95.7	96.0	96.0	96.1	96.1	96.2	96.3
≥ 1800		79.0	84.5	90.9	93.6	94.8	95.8	96.2	96.4	96.7	96.7	96.8	96.8	96.9	96.9
≥ 1500		80.0	85.9	92.1	94.9	96.0	97.0	97.5	97.8	98.0	98.1	98.2	98.2	98.3	98.3
≥ 1200		80.6	86.6	92.9	95.7	96.9	98.0	98.5	98.7	99.1	99.1	99.2	99.3	99.4	99.4
≥ 1000		80.6	86.5	93.0	95.8	97.0	98.1	98.6	98.9	99.2	99.2	99.3	99.4	99.5	99.5
≥ 900		80.7	86.6	93.0	95.8	97.1	98.1	98.6	98.9	99.2	99.3	99.4	99.4	99.5	99.5
≥ 800		80.8	86.7	93.1	95.9	97.2	98.2	98.7	99.0	99.3	99.4	99.5	99.5	99.6	99.7
≥ 700		80.8	86.8	93.2	96.0	97.3	98.3	98.8	99.1	99.4	99.5	99.6	99.6	99.7	99.8
≥ 600		80.8	86.8	93.2	96.0	97.3	98.3	98.8	99.1	99.4	99.5	99.6	99.6	99.7	99.8
≥ 500		80.8	86.8	93.2	96.0	97.3	98.3	98.8	99.1	99.4	99.5	99.6	99.7	99.8	99.8
≥ 400		80.8	[illegible]	93.2	96.0	97.3	98.3	98.8	99.1	99.4	99.5	99.6	99.7	99.8	99.8
≥ 300		80.8	86.8	93.2	96.0	97.3	98.3	98.8	99.1	99.4	99.5	99.6	99.7	99.8	99.9
≥ 200		80.8	86.8	93.2	96.0	97.3	98.3	98.8	99.1	99.4	99.5	99.6	99.7	99.8	99.9
≥ 100		80.8	86.8	93.2	96.0	97.3	98.3	98.8	99.1	99.4	99.5	99.6	99.7	99.8	99.8	100.0
≥ 0		80.8	86.8	93.2	96.0	97.3	98.3	98.8	99.1	99.4	99.5	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4196

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		28.7	31.3	33.7	34.8	35.5	36.1	36.4	36.4	36.5	36.5	36.5	36.5	36.6	36.6	36.6
≥ 20000		36.5	39.6	42.4	43.6	44.4	45.1	45.4	45.4	45.6	45.6	45.6	45.6	45.7	45.7	45.7
≥ 18000		36.5	39.6	42.5	43.6	44.4	45.1	45.4	45.4	45.6	45.6	45.6	45.7	45.7	45.7	45.8
≥ 16000		36.5	39.6	42.5	43.6	44.4	45.1	45.4	45.4	45.6	45.6	45.6	45.7	45.7	45.7	45.8
≥ 14000		36.6	39.7	42.5	43.7	44.5	45.2	45.4	45.5	45.6	45.7	45.7	45.7	45.8	45.8	45.8
≥ 12000		36.8	39.9	42.9	44.0	44.8	45.6	45.9	45.9	46.1	46.1	46.2	46.2	46.2	46.2	46.3
≥ 10000		39.6	43.0	46.2	47.4	48.2	49.0	49.5	49.5	49.6	49.7	49.7	49.7	49.8	49.8	49.8
≥ 9000		41.7	45.2	48.5	49.8	50.7	51.5	52.0	52.0	52.2	52.3	52.3	52.3	52.4	52.4	52.4
≥ 8000		47.4	51.4	55.0	56.5	57.5	58.4	58.9	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.3
≥ 7000		50.0	54.1	57.9	59.5	60.5	61.5	62.0	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.4
≥ 6000		51.5	55.5	59.9	61.5	62.5	63.5	64.0	64.1	64.2	64.3	64.3	64.3	64.4	64.4	64.4
≥ 5000		55.5	60.3	64.5	66.2	67.3	68.2	68.7	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.2
≥ 4500		57.9	62.8	67.0	68.9	69.9	70.6	71.3	71.4	71.6	71.7	71.7	71.7	71.8	71.8	71.8
≥ 4000		62.8	67.8	72.3	74.3	75.4	76.3	76.8	76.9	77.1	77.2	77.2	77.2	77.3	77.3	77.3
≥ 3500		67.2	72.4	77.1	79.3	80.5	81.5	82.0	82.1	82.3	82.4	82.4	82.4	82.5	82.5	82.5
≥ 3000		74.2	79.7	84.7	87.1	88.4	89.5	90.1	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.6
≥ 2500		78.4	84.6	89.7	92.2	93.6	94.7	95.3	95.4	95.6	95.7	95.7	95.7	95.8	95.8	95.8
≥ 2000		79.1	85.4	90.5	93.1	94.4	95.6	96.2	96.3	96.5	96.6	96.6	96.6	96.7	96.7	96.7
≥ 1800		79.5	85.8	91.0	93.5	94.9	96.1	96.7	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.2
≥ 1500		79.8	86.1	91.5	94.2	95.5	96.8	97.4	97.5	97.8	97.9	97.9	97.9	98.0	98.0	98.0
≥ 1200		80.5	86.8	92.3	94.9	96.3	97.6	98.2	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.9
≥ 1000		80.6	87.1	92.6	95.4	96.8	98.1	98.7	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.4
≥ 900		80.6	87.1	92.6	95.4	96.8	98.1	98.7	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.4
≥ 800		80.7	87.2	92.8	95.5	96.9	98.2	98.9	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.7
≥ 700		80.7	87.3	92.8	95.5	97.0	98.3	99.0	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7
≥ 600		80.7	87.3	92.8	95.5	97.0	98.3	99.0	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.8
≥ 500		80.7	87.3	92.8	95.5	97.0	98.3	99.0	99.1	99.5	99.5	99.6	99.6	99.7	99.8	99.8
≥ 400		80.7	87.3	92.8	95.5	97.0	98.3	99.0	99.1	99.5	99.5	99.6	99.6	99.7	99.8	99.9
≥ 300		80.7	87.3	92.8	95.5	97.0	98.3	99.0	99.1	99.5	99.5	99.6	99.6	99.7	99.8	99.9
≥ 200		80.7	87.3	92.8	95.5	97.0	98.3	99.0	99.1	99.5	99.5	99.6	99.6	99.7	99.8	100.0
≥ 100		80.7	87.3	92.8	95.5	97.0	98.3	99.0	99.1	99.5	99.5	99.6	99.6	99.7	99.8	100.0
≥ 0		80.7	87.3	92.8	95.6	97.0	98.3	99.0	99.2	99.5	99.6	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4103

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI..
USAF ETAC
AIR WEATHER SERVICE/ AC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		23.4	26.1	29.3	30.8	31.9	32.7	33.2	33.6	33.8	33.8	33.8	33.8	33.8	33.8	33.9
≥ 20000		32.2	36.0	39.8	41.6	42.7	43.9	44.6	45.2	45.5	45.6	45.6	45.6	45.7	45.7	45.7
≥ 18000		32.2	36.0	39.8	41.6	42.7	43.9	44.6	45.2	45.5	45.6	45.6	45.6	45.7	45.7	45.7
≥ 16000		32.2	36.0	39.8	41.6	42.7	43.9	44.6	45.2	45.5	45.6	45.6	45.6	45.7	45.7	45.7
≥ 14000		32.3	36.1	39.9	41.7	42.8	44.1	44.7	45.3	45.6	45.7	45.7	45.7	45.8	45.8	45.8
≥ 12000		33.3	37.2	41.0	42.8	43.9	45.2	45.8	46.4	46.7	46.8	46.8	46.8	46.9	46.9	46.9
≥ 10000		36.5	40.8	44.9	46.7	47.9	49.1	49.8	50.4	50.7	50.8	50.8	50.8	50.9	50.9	51.0
≥ 9000		38.9	43.3	47.8	49.7	51.0	52.3	53.0	53.6	53.9	53.9	54.0	54.0	54.1	54.1	54.1
≥ 8000		44.6	49.6	55.0	57.1	58.5	60.1	60.9	61.5	61.9	61.9	62.0	62.0	62.1	62.1	62.1
≥ 7000		47.8	53.1	58.6	60.9	62.3	64.0	64.9	65.5	65.9	65.9	66.0	66.0	66.1	66.1	66.2
≥ 6000		49.1	54.7	60.3	62.8	64.2	66.0	66.9	67.5	67.9	68.0	68.0	68.1	68.2	68.2	68.2
≥ 5000		51.9	57.6	63.5	66.1	67.6	69.3	70.3	70.9	71.3	71.3	71.4	71.4	71.5	71.5	71.6
≥ 4500		53.4	59.2	65.1	67.6	69.2	71.0	72.0	72.6	73.0	73.1	73.1	73.2	73.3	73.3	73.3
≥ 4000		57.7	63.7	69.7	72.6	74.2	76.0	77.0	77.6	78.0	78.1	78.2	78.2	78.3	78.3	78.3
≥ 3500		61.6	67.9	74.2	77.3	78.9	80.7	81.7	82.3	82.7	82.8	82.9	82.9	83.0	83.0	83.0
≥ 3000		67.0	73.7	80.5	83.9	85.6	87.6	88.7	89.3	89.8	89.9	90.0	90.0	90.1	90.1	90.2
≥ 2500		71.1	78.0	85.0	88.5	90.3	92.4	93.5	94.2	94.6	94.7	94.8	94.8	94.9	94.9	95.0
≥ 2000		72.4	79.3	86.5	90.2	92.0	94.2	95.3	96.0	96.5	96.6	96.7	96.7	96.8	96.8	96.9
≥ 1800		72.6	79.5	86.8	90.5	92.4	94.5	95.7	96.3	96.9	97.0	97.1	97.1	97.2	97.2	97.2
≥ 1500		73.2	80.2	87.5	91.3	93.2	95.5	96.7	97.4	98.0	98.1	98.2	98.2	98.4	98.4	98.4
≥ 1200		73.3	80.6	87.9	91.7	93.6	95.9	97.1	97.9	98.5	98.6	98.6	98.7	98.8	98.8	98.9
≥ 1000		73.5	80.6	88.0	91.9	93.8	96.2	97.4	98.2	98.9	99.0	99.1	99.2	99.3	99.3	99.4
≥ 900		73.6	80.7	88.0	91.9	93.8	96.2	97.5	98.3	99.0	99.0	99.2	99.3	99.4	99.4	99.5
≥ 800		73.6	80.7	88.0	91.9	93.9	96.3	97.6	98.4	99.1	99.2	99.3	99.4	99.5	99.5	99.6
≥ 700		73.6	80.7	88.0	92.0	93.9	96.4	97.7	98.5	99.2	99.3	99.5	99.5	99.7	99.7	99.7
≥ 600		73.6	80.7	88.0	92.0	93.9	96.4	97.7	98.5	99.3	99.4	99.5	99.6	99.7	99.7	99.8
≥ 500		73.6	80.7	88.0	92.0	93.9	96.4	97.7	98.5	99.3	99.4	99.5	99.6	99.7	99.7	99.8
≥ 400		73.6	80.7	88.0	92.0	93.9	96.4	97.7	98.5	99.3	99.4	99.6	99.6	99.8	99.8	99.9
≥ 300		73.6	80.7	88.0	92.0	93.9	96.4	97.7	98.5	99.3	99.4	99.6	99.6	99.8	99.8	99.9
≥ 200		73.6	80.7	88.0	92.0	94.0	96.4	97.7	98.5	99.3	99.4	99.6	99.7	99.8	99.8	100.0
≥ 100		73.6	80.7	88.0	92.0	94.0	96.4	97.7	98.5	99.3	99.4	99.6	99.7	99.8	99.8	100.0
≥ 0		73.6	80.7	88.0	92.0	94.0	96.4	97.7	98.5	99.3	99.4	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4208

USAFETAC FORM XX 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		21.3	23.8	27.6	30.0	32.0	34.4	35.8	36.3	37.5	38.0	38.1	38.3	38.4	38.5	38.7
≥ 20000		27.0	30.4	35.1	38.1	40.5	43.4	45.2	46.0	47.4	48.0	48.2	48.4	48.8	48.9	49.3
≥ 18000		27.0	30.4	35.1	38.1	40.5	43.4	45.2	46.0	47.4	48.0	48.2	48.4	48.8	48.9	49.3
≥ 16000		27.0	30.4	35.1	38.1	40.5	43.4	45.2	46.0	47.4	48.0	48.2	48.4	48.8	48.9	49.3
≥ 14000		27.0	30.5	35.2	38.2	40.6	43.5	45.3	46.1	47.5	48.1	48.3	48.5	48.9	49.0	49.4
≥ 12000		27.5	31.0	35.7	38.7	41.1	44.1	45.8	46.7	48.0	48.6	48.9	49.1	49.5	49.6	50.0
≥ 10000		28.6	32.7	37.5	40.6	43.1	46.3	48.0	49.0	50.3	51.0	51.2	51.4	51.8	51.9	52.3
≥ 9000		30.3	34.4	39.5	42.7	45.2	48.4	50.3	51.4	52.9	53.5	53.7	53.9	54.3	54.4	54.8
≥ 8000		34.3	38.6	44.4	48.0	50.7	54.1	56.2	57.3	58.9	59.6	59.8	60.0	60.4	60.5	60.9
≥ 7000		36.8	41.7	47.5	51.2	54.0	57.7	59.8	61.0	62.6	63.3	63.5	63.7	64.1	64.2	64.6
≥ 6000		38.2	43.2	49.0	52.8	55.7	59.5	61.6	62.8	64.5	65.1	65.4	65.6	66.0	66.0	66.5
≥ 5000		39.9	45.0	50.9	54.7	57.7	61.6	63.7	64.9	66.6	67.3	67.5	67.7	68.1	68.2	68.6
≥ 4500		41.3	46.5	52.6	56.4	59.4	63.3	65.4	66.7	68.5	69.1	69.3	69.5	69.9	70.0	70.4
≥ 4000		43.6	49.0	55.3	59.2	62.3	66.3	68.6	69.9	71.6	72.3	72.5	72.7	73.1	73.2	73.6
≥ 3500		46.8	52.2	59.0	63.3	66.4	70.6	72.9	74.3	76.0	76.7	76.9	77.1	77.5	77.6	78.0
≥ 3000		51.4	57.2	64.5	69.0	72.2	76.8	79.2	80.7	82.5	83.2	83.5	83.7	84.1	84.2	84.6
≥ 2500		54.5	60.6	68.2	72.8	76.3	81.3	83.8	85.6	87.4	88.3	88.6	88.8	89.2	89.3	89.7
≥ 2000		55.7	61.9	69.9	74.7	78.3	83.4	85.9	87.7	89.6	90.5	90.8	91.0	91.5	91.5	92.0
≥ 1800		56.0	62.3	70.3	75.1	78.8	83.8	86.5	88.2	90.1	91.1	91.4	91.6	92.0	92.1	92.6
≥ 1500		56.3	62.7	70.6	75.7	79.3	84.5	87.2	89.2	91.1	92.1	92.5	92.7	93.1	93.2	93.6
≥ 1200		56.6	63.1	71.2	76.1	79.8	85.0	87.9	89.9	91.8	92.8	93.1	93.4	93.9	94.0	94.4
≥ 1000		56.7	63.3	71.4	76.4	80.2	85.4	88.3	90.3	92.3	93.4	93.7	94.0	94.5	94.6	95.0
≥ 900		56.7	63.3	71.4	76.4	80.3	85.5	88.4	90.4	92.5	93.6	93.9	94.2	94.7	94.7	95.2
≥ 800		56.7	63.3	71.5	76.5	80.3	85.6	88.7	90.8	92.9	94.1	94.5	94.8	95.3	95.4	95.8
≥ 700		56.7	63.3	71.5	76.5	80.4	85.7	88.7	90.9	93.2	94.4	94.8	95.1	95.6	95.7	96.2
≥ 600		56.8	63.4	71.6	76.5	80.5	85.8	89.0	91.1	93.5	94.8	95.2	95.5	96.1	96.1	96.6
≥ 500		56.8	63.4	71.6	76.5	80.5	85.8	89.0	91.2	93.6	95.0	95.3	95.7	96.3	96.4	97.0
≥ 400		56.8	63.4	71.6	76.5	80.5	85.8	89.1	91.2	93.7	95.2	95.6	96.1	96.7	96.8	97.5
≥ 300		56.8	63.4	71.6	76.6	80.5	85.9	89.1	91.3	93.8	95.3	95.7	96.2	97.0	97.1	97.9
≥ 200		56.8	63.4	71.6	76.6	80.5	85.9	89.1	91.3	93.8	95.3	95.7	96.2	97.1	97.3	98.5
≥ 100		56.8	63.4	71.6	76.6	80.5	85.9	89.1	91.3	93.8	95.3	95.7	96.2	97.2	97.3	99.2
≥ 0		56.8	63.4	71.6	76.6	80.5	85.9	89.1	91.3	93.8	95.3	95.7	96.2	97.2	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3935

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		10.8	12.6	16.7	17.7	19.5	22.2	23.4	24.1	25.3	25.9	26.0	26.3	26.5	26.5	26.9
≥ 20000		14.9	17.1	21.9	23.1	25.3	28.5	30.0	30.9	32.4	33.2	33.5	33.8	34.4	34.4	35.3
≥ 18000		14.9	17.1	21.9	23.1	25.3	28.5	30.0	30.9	32.4	33.2	33.5	33.8	34.4	34.4	35.3
≥ 16000		14.9	17.1	21.9	23.1	25.3	28.5	30.0	30.9	32.4	33.2	33.5	33.8	34.4	34.4	35.3
≥ 14000		14.9	17.1	21.9	23.1	25.3	28.5	30.0	30.9	32.4	33.2	33.5	33.8	34.4	34.4	35.3
≥ 12000		15.0	17.2	22.1	23.3	25.4	28.7	30.1	31.1	32.5	33.4	33.6	34.0	34.6	34.6	35.5
≥ 10000		17.3	19.7	24.7	25.9	28.1	31.4	32.9	33.9	35.4	36.3	36.6	37.0	37.5	37.0	38.5
≥ 9000		19.0	21.6	27.0	28.4	30.6	34.1	35.6	36.7	38.3	39.1	39.4	39.8	40.4	40.5	41.3
≥ 8000		21.8	24.9	30.9	32.5	35.0	38.6	40.3	41.4	43.2	44.1	44.5	44.9	45.6	45.6	46.5
≥ 7000		24.2	27.5	33.8	35.6	38.3	42.2	44.1	45.3	47.1	48.2	48.6	49.0	49.7	49.7	50.7
≥ 6000		24.7	28.0	34.5	36.3	39.1	43.0	44.9	46.2	48.1	49.2	49.6	50.1	50.7	50.8	51.8
≥ 5000		26.3	29.9	36.8	38.7	41.6	45.7	47.8	49.1	51.0	52.2	52.6	53.1	53.8	53.8	54.8
≥ 4500		27.4	31.1	38.1	40.2	43.0	47.2	49.3	50.6	52.6	53.7	54.1	54.6	55.4	55.4	56.4
≥ 4000		29.0	32.9	40.2	42.4	45.4	49.6	51.8	53.2	55.2	56.4	56.9	57.4	58.2	58.2	59.2
≥ 3500		31.2	35.4	43.0	45.4	48.5	52.8	55.0	56.4	58.4	59.6	60.1	60.7	61.4	61.4	62.5
≥ 3000		34.5	39.2	47.4	50.2	53.5	58.1	60.7	62.3	64.4	65.7	66.3	66.9	67.7	67.7	68.8
≥ 2500		38.2	43.2	51.7	55.0	58.6	63.6	66.4	68.2	70.4	71.8	72.3	73.0	73.8	73.8	74.9
≥ 2000		39.7	44.8	54.0	57.5	61.1	66.5	69.4	71.3	73.6	75.0	75.6	76.3	77.1	77.1	78.2
≥ 1800		40.3	45.5	54.7	58.2	61.9	67.4	70.3	72.3	74.6	76.0	76.6	77.3	78.1	78.1	79.2
≥ 1500		40.9	46.4	55.8	59.4	63.3	69.1	72.2	74.3	77.1	78.6	79.2	79.9	80.7	80.7	81.9
≥ 1200		41.7	47.3	56.7	60.6	64.8	71.1	74.4	76.5	79.6	80.9	81.6	82.3	83.1	83.1	84.3
≥ 1000		41.9	47.6	57.0	60.9	65.2	72.0	75.4	77.7	80.9	82.5	83.2	83.9	84.8	84.8	86.0
≥ 900		41.9	47.6	57.0	60.9	65.4	72.2	75.7	78.3	81.7	83.3	84.0	84.7	85.5	85.6	86.7
≥ 800		42.0	47.6	57.1	61.0	65.5	72.3	75.9	78.5	82.5	84.2	84.9	85.6	86.5	86.5	87.7
≥ 700		42.0	47.7	57.1	61.1	65.6	72.5	76.1	78.8	83.0	84.8	85.5	86.3	87.2	87.2	88.4
≥ 600		42.0	47.7	57.1	61.1	65.7	72.7	76.3	79.1	83.4	85.4	86.2	87.0	87.9	87.9	89.1
≥ 500		42.0	47.7	57.1	61.2	65.7	72.8	76.5	79.3	84.0	86.2	87.0	88.0	89.2	89.2	90.5
≥ 400		42.0	47.7	57.1	61.2	65.8	72.8	76.5	79.3	84.1	86.4	87.4	88.7	90.2	90.2	91.7
≥ 300		42.0	47.7	57.1	61.2	65.8	72.8	76.5	79.3	84.1	86.6	87.6	89.1	91.4	91.6	93.6
≥ 200		42.0	47.7	57.1	61.2	65.8	72.8	76.5	79.3	84.2	86.6	87.7	89.2	91.8	92.1	95.4
≥ 100		42.0	47.7	57.1	61.2	65.8	72.8	76.5	79.3	84.2	86.6	87.7	89.2	91.8	92.2	98.0
≥ 0		42.0	47.7	57.1	61.2	65.8	72.8	76.5	79.3	84.2	86.6	87.7	89.2	91.8	92.2	100.0

TOTAL NUMBER OF OBSERVATIONS 4083

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		9.4	9.6	11.5	12.3	12.8	14.3	14.7	15.2	15.7	16.0	16.0	16.2	16.3	16.4	16.4
≥ 20000		11.5	13.6	16.2	17.7	18.5	20.4	21.0	21.5	22.2	22.6	22.9	23.2	23.5	23.5	23.8
≥ 18000		11.5	13.6	16.2	17.7	18.5	20.4	21.0	21.5	22.2	22.6	22.9	23.2	23.5	23.5	23.8
≥ 16000		11.5	13.6	16.2	17.7	18.5	20.4	21.0	21.5	22.2	22.6	22.9	23.2	23.5	23.5	23.8
≥ 14000		11.6	13.7	16.3	17.8	18.6	20.5	21.1	21.7	22.4	22.7	23.0	23.3	23.6	23.6	24.0
≥ 12000		11.7	13.8	16.4	17.9	18.7	20.6	21.3	21.8	22.5	22.9	23.2	23.4	23.8	23.8	24.1
≥ 10000		12.7	14.9	17.6	19.3	20.1	22.1	22.7	23.3	24.0	24.4	24.7	25.0	[illegible]	25.4	25.7
≥ 9000		13.7	16.0	19.1	20.9	21.7	23.8	24.5	25.1	25.9	26.2	26.5	26.8	27.2	27.3	27.6
≥ 8000		16.0	18.6	22.1	24.1	25.2	27.5	28.4	29.2	30.1	30.5	30.8	31.1	31.6	31.6	31.9
≥ 7000		17.1	20.2	24.2	26.7	27.8	30.5	31.5	32.5	33.4	33.9	34.2	34.6	35.1	35.2	35.5
≥ 6000		17.8	21.0	25.2	27.7	29.0	31.9	33.0	34.0	35.1	35.6	35.9	36.3	36.8	36.9	37.2
≥ 5000		18.7	22.4	26.7	29.4	30.8	34.1	35.3	36.3	37.4	37.9	38.3	38.7	39.2	39.2	39.5
≥ 4500		19.8	23.5	28.1	31.0	32.4	35.8	37.0	38.1	39.2	39.7	40.0	40.4	41.0	41.0	41.3
≥ 4000		21.4	25.5	30.8	33.9	35.6	39.0	40.2	41.4	42.5	43.1	43.5	44.0	44.6	44.7	45.1
≥ 3500		23.7	28.1	33.7	37.1	38.7	42.6	44.0	45.2	46.5	47.1	47.6	48.3	48.9	48.9	49.3
≥ 3000		27.8	33.4	40.1	44.0	46.2	50.3	51.9	53.4	55.2	55.9	56.4	57.2	57.9	58.0	58.5
≥ 2500		33.2	40.1	48.4	53.0	55.7	60.4	62.5	64.2	66.2	67.0	67.7	68.6	69.4	69.5	69.9
≥ 2000		35.1	42.4	51.5	56.3	59.2	64.3	66.6	68.4	70.6	71.5	72.2	73.2	74.0	74.0	74.5
≥ 1800		35.5	42.9	52.1	57.0	59.9	65.2	67.5	69.3	71.5	72.4	73.1	74.1	74.9	75.0	75.4
≥ 1500		36.5	44.5	54.5	59.7	62.7	68.6	71.3	73.3	75.7	76.9	77.7	78.8	79.6	79.6	80.2
≥ 1200		37.3	45.7	55.9	61.6	65.1	71.8	75.2	77.2	79.9	81.1	81.9	83.0	83.9	83.9	84.5
≥ 1000		37.6	46.1	56.5	62.4	66.2	73.2	76.9	79.3	82.5	83.8	84.6	85.9	86.8	86.9	87.6
≥ 900		37.6	46.1	56.6	62.5	66.4	73.7	77.6	80.0	83.6	84.9	85.8	87.1	88.0	88.1	88.8
≥ 800		37.6	46.1	56.6	62.6	66.5	73.9	77.9	80.5	84.5	85.9	86.9	88.3	89.2	89.3	90.0
≥ 700		37.6	46.1	56.6	62.6	66.6	74.0	78.0	80.9	85.1	86.8	87.8	89.3	90.2	90.3	91.1
≥ 600		37.6	46.1	56.6	62.6	66.7	74.3	78.3	81.3	85.8	87.7	88.7	90.3	91.3	91.4	92.2
≥ 500		37.6	46.2	56.6	62.7	66.7	74.4	78.5	81.6	86.5	88.5	89.5	91.2	92.6	92.7	93.5
≥ 400		37.6	46.2	56.6	62.7	66.8	74.5	78.6	81.7	86.7	88.7	89.7	91.6	93.1	93.2	94.1
≥ 300		37.6	46.2	56.6	62.7	66.8	74.5	78.6	81.7	86.8	88.9	90.1	92.2	94.0	94.2	95.5
≥ 200		37.6	46.2	56.6	62.7	66.8	74.5	78.6	81.8	86.8	89.1	90.2	92.5	94.6	95.0	97.5
≥ 100		37.6	46.2	56.6	62.7	66.8	74.5	78.6	81.8	86.8	89.1	90.2	92.5	94.7	95.1	98.8
≥ 0		37.6	46.2	56.6	62.7	66.8	74.5	78.6	81.8	86.8	89.1	90.2	92.5	94.7	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3814

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/ MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		6.5	8.6	11.7	12.7	12.9	14.2	15.0	15.4	16.1	16.5	16.7	16.9	17.0	17.0	17.1
≥ 20000		8.7	11.2	14.7	15.9	16.1	17.8	18.9	19.6	20.5	21.0	21.2	21.5	21.8	21.8	22.0
≥ 18000		8.7	11.2	14.7	15.9	16.1	17.8	18.9	19.6	20.5	21.0	21.2	21.5	21.8	21.8	22.0
≥ 16000		8.7	11.2	14.7	15.9	16.1	17.8	18.9	19.6	20.5	21.0	21.2	21.5	21.8	21.8	22.0
≥ 14000		8.7	11.2	14.7	15.9	16.1	17.8	19.0	19.6	20.5	21.0	21.3	21.6	21.8	21.8	22.0
≥ 12000		8.9	11.3	14.9	16.0	16.3	18.0	19.1	19.8	20.7	21.1	21.4	21.7	21.9	21.9	22.1
≥ 10000		9.2	11.8	15.4	16.6	16.9	18.6	19.8	20.5	21.5	22.0	22.4	22.7	22.9	22.9	23.2
≥ 9000		9.7	12.5	16.2	17.5	17.8	19.6	21.0	21.8	22.8	23.4	23.8	24.3	24.6	24.6	24.9
≥ 8000		11.5	14.3	18.5	20.0	20.5	23.0	24.8	25.7	26.9	27.6	28.0	28.5	28.8	28.8	29.1
≥ 7000		12.6	15.5	20.0	21.6	22.2	24.9	26.8	27.7	29.0	29.7	30.1	30.6	30.9	30.9	31.3
≥ 6000		12.9	15.9	20.5	22.2	22.8	25.6	27.5	28.5	29.8	30.5	31.0	31.4	31.8	31.8	32.1
≥ 5000		13.9	17.2	22.3	24.3	25.2	28.2	30.4	31.5	32.9	33.7	34.2	34.6	35.0	35.0	35.3
≥ 4500		14.8	18.3	23.7	25.9	26.8	29.9	32.1	33.2	34.6	35.5	35.9	36.4	36.7	36.7	37.0
≥ 4000		16.2	20.0	25.7	27.9	28.8	32.2	34.5	35.7	37.2	38.1	38.6	39.1	39.4	39.4	39.7
≥ 3500		17.9	22.2	28.5	31.0	32.0	35.5	38.0	39.3	40.9	42.0	42.4	42.9	43.3	43.3	43.6
≥ 3000		21.3	26.1	33.3	36.1	37.3	41.7	44.5	46.0	47.8	49.1	49.6	50.1	50.4	50.4	50.8
≥ 2500		27.5	33.3	42.5	46.3	47.8	53.5	57.3	59.0	61.4	62.8	63.4	64.0	64.4	64.4	64.8
≥ 2000		30.2	36.4	46.4	50.6	52.4	58.7	63.1	65.0	68.0	69.6	70.2	70.9	71.3	71.3	71.6
≥ 1800		30.6	36.9	47.2	51.5	53.3	59.7	64.0	66.0	69.0	70.6	71.2	71.9	72.3	72.3	72.7
≥ 1500		32.3	39.2	49.9	54.6	56.8	63.9	68.5	70.7	73.9	75.7	76.4	77.1	77.6	77.6	78.0
≥ 1200		33.9	41.4	52.7	58.1	60.5	68.5	73.4	75.8	79.5	81.5	82.2	82.9	83.5	83.5	83.8
≥ 1000		34.5	42.3	53.8	59.3	61.8	70.1	75.4	78.1	82.4	84.8	85.6	86.6	87.1	87.2	87.6
≥ 900		34.8	42.7	54.2	59.8	62.2	70.7	76.0	78.8	83.2	85.8	86.6	87.7	88.2	88.3	88.8
≥ 800		34.9	42.8	54.4	60.0	62.5	71.1	76.7	79.5	84.1	87.0	87.8	88.9	89.5	89.5	90.1
≥ 700		34.9	42.9	54.4	60.1	62.5	71.2	77.1	80.0	85.0	88.1	89.1	90.3	90.9	91.0	91.5
≥ 600		34.9	42.9	54.4	60.1	62.5	71.3	77.3	80.3	85.5	88.6	89.7	90.9	91.6	91.6	92.2
≥ 500		34.9	42.9	54.4	60.1	62.6	71.5	77.7	80.8	86.3	89.5	91.0	92.2	93.2	93.2	94.0
≥ 400		34.9	42.9	54.4	60.1	62.6	71.5	77.8	81.1	86.7	90.4	91.7	93.1	94.3	94.5	95.6
≥ 300		34.9	42.9	54.4	60.1	62.6	71.5	78.0	81.3	87.1	90.9	92.5	93.9	95.5	95.6	97.1
≥ 200		34.9	42.9	54.4	60.1	62.6	71.5	78.0	81.4	87.4	91.2	92.8	94.2	95.9	96.0	98.1
≥ 100		34.9	42.9	54.4	60.1	62.6	71.5	78.0	81.4	87.4	91.2	92.8	94.2	96.0	96.1	99.0
≥ 0		34.9	42.9	54.4	60.1	62.6	71.5	78.0	81.4	87.4	91.2	92.5	94.3	96.0	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 3779

USAFETAC FORM JUL 54 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 62-65 (YEARS) JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		9.1	14.1	23.2	25.3	25.3	27.3	28.3	28.3	28.3	28.3	28.3	28.3	29.3	29.3	29.3
≥ 20000		9.1	14.1	23.2	25.3	25.3	27.3	28.3	28.3	29.3	29.3	29.3	29.3	30.3	30.3	31.3
≥ 18000		9.1	14.1	23.2	25.3	25.3	27.3	28.3	28.3	29.3	29.3	29.3	29.3	30.3	30.3	31.3
≥ 16000		9.1	14.1	23.2	25.3	25.3	27.3	28.3	28.3	29.3	29.3	29.3	29.3	30.3	30.3	31.3
≥ 14000		9.1	14.1	23.2	25.3	25.3	27.3	28.3	28.3	29.3	29.3	29.3	29.3	30.3	30.3	31.3
≥ 12000		9.1	14.1	23.2	25.3	25.3	27.3	28.3	28.3	29.3	29.3	29.3	29.3	30.3	30.3	31.3
≥ 10000		9.1	14.1	23.2	25.3	25.3	27.3	28.3	28.3	29.3	29.3	29.3	29.3	30.3	30.3	31.3
≥ 9000		10.[illegible]	15.2	25.3	27.3	27.3	29.3	30.3	30.3	31.3	31.3	31.3	31.3	32.3	32.3	33.3
≥ 8000		12.1	17.2	27.3	29.3	29.3	31.3	32.3	32.3	33.3	33.3	33.3	33.3	34.3	34.3	35.4
≥ 7000		16.2	21.2	31.3	33.3	33.3	3[illegible]	36.4	36.4	37.4	37.4	37.4	37.4	38.4	38.4	39.4
≥ 6000		16.2	21.2	31.3	33.3	33.3	35.4	36.4	36.4	37.4	37.4	37.4	37.4	38.4	38.4	39.4
≥ 5000		16.2	21.2	31.3	33.3	33.3	36.4	38.4	38.4	40.4	40.4	40.4	40.4	41.4	41.4	42.4
≥ 4500		20.2	25.3	37.4	39.4	39.4	42.4	44.4	44.4	46.5	46.5	46.5	46.5	47.5	47.5	48.5
≥ 4000		20.2	25.3	37.4	39.4	39.4	42.4	44.4	44.4	47.5	47.5	47.5	47.5	48.5	48.5	49.5
≥ 3500		21.2	26.3	39.4	41.4	41.4	44.4	46.5	46.5	49.5	49.5	49.5	49.5	50.5	50.5	51.5
≥ 3000		27.3	34.3	49.5	51.5	52.5	56.6	58.6	58.6	61.6	61.6	61.6	61.6	62.6	62.6	63.6
≥ 2500		31.3	38.4	56.6	59.6	60.6	65.7	67.7	67.7	70.7	70.7	70.7	70.7	71.7	71.7	72.7
≥ 2000		32.3	39.4	57.6	60.6	61.6	68.7	70.7	70.7	73.7	73.7	73.7	73.7	74.7	74.7	75.8
≥ 1800		32.3	39.4	57.6	60.6	61.6	68.7	70.7	70.7	73.7	73.7	73.7	73.7	74.7	74.7	75.8
≥ 1500		32.3	39.4	60.6	65.7	66.7	74.7	76.8	77.8	83.8	84.8	84.8	84.8	85.9	85.9	86.9
≥ 1200		32.3	39.4	60.6	65.7	66.7	73.8	77.8	78.8	84.8	85.9	85.9	85.9	86.9	86.9	87.9
≥ 1000		32.3	39.4	60.6	65.7	66.7	76.8	78.8	80.8	87.9	88.9	88.9	88.9	89.9	89.9	90.9
≥ 700		32.3	39.4	61.6	66.7	67.7	77.8	79.8	81.8	88.9	89.9	89.9	89.9	90.9	90.9	91.9
≥ 800		32.3	39.4	61.6	66.7	67.7	77.8	80.8	82.8	89.9	91.9	91.9	91.9	92.9	92.9	93.9
≥ 700		32.3	39.4	61.6	66.7	67.7	77.8	80.8	82.8	89.9	92.9	92.9	92.9	93.9	93.9	94.9
≥ 600		32.3	39.4	61.6	66.7	67.7	77.8	80.8	82.8	89.9	92.9	92.9	92.9	93.9	93.9	94.9
≥ 500		32.3	39.4	61.6	66.7	67.7	77.8	80.8	82.8	89.9	92.9	92.9	92.9	93.9	93.9	94.9
≥ 400		32.3	39.4	61.6	66.7	67.7	77.8	80.8	82.8	89.9	92.9	92.9	92.9	93.9	93.9	94.9
≥ 300		32.3	39.4	61.6	66.7	67.7	77.8	80.8	82.8	89.9	92.9	93.9	94.9	97.0	97.0	98.0
≥ 200		32.3	39.4	61.6	66.7	67.7	77.8	80.8	82.8	89.9	92.9	93.9	94.9	97.0	97.0	98.0
≥ 100		32.3	39.4	61.6	66.7	67.7	77.8	80.8	82.8	89.9	92.9	93.9	94.9	98.0	98.0	100.0
≥ 0		32.3	39.4	61.6	66.7	67.7	77.8	80.8	82.8	89.9	92.9	93.9	94.9	98.0	98.0	100.0

TOTAL NUMBER OF OBSERVATION 99

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		5.3	8.8	12.8	13.8	14.5	17.3	18.5	19.9	20.0	20.6	20.6	20.6	20.9	20.9	20.9
≥ 20000		5.9	9.6	13.6	14.6	15.5	18.5	20.1	21.5	22.5	23.1	23.3	23.3	23.5	23.5	23.6
≥ 18000		5.9	9.6	13.6	14.6	15.5	18.5	20.1	21.5	22.5	23.1	23.3	23.3	23.5	23.5	23.6
≥ 16000		5.9	9.6	13.6	14.6	15.5	18.5	20.1	21.5	22.5	23.1	23.3	23.3	23.5	23.5	23.6
≥ 14000		5.9	9.6	13.6	14.6	15.5	18.5	20.1	21.5	22.5	23.1	23.3	23.3	23.5	23.5	23.6
≥ 12000		5.9	9.6	13.6	14.6	15.5	18.5	20.1	21.5	22.5	23.1	23.3	23.3	23.5	23.5	23.6
≥ 10000		5.9	9.6	13.6	14.6	15.5	18.5	20.1	21.5	22.5	23.1	23.3	23.3	23.5	23.5	23.6
≥ 9000		7.1	10.9	15.1	16.1	17.0	20.3	22.0	23.4	24.4	25.0	25.3	25.3	25.5	25.5	25.6
≥ 8000		9.4	12.6	17.3	18.6	19.8	23.1	24.9	26.3	27.4	28.0	28.3	28.3	28.5	28.5	28.6
≥ 7000		10.1	14.5	19.8	21.4	22.8	26.8	29.0	30.4	31.5	32.1	32.4	32.4	32.6	32.6	32.8
≥ 6000		10.3	14.6	20.0	21.6	23.0	27.0	29.3	30.6	31.8	32.4	32.6	32.6	32.9	32.9	33.0
≥ 5000		11.3	15.6	21.5	23.3	24.6	28.9	31.6	33.1	34.3	34.9	35.1	35.3	35.5	35.5	35.6
≥ 4500		12.6	17.4	24.0	25.9	27.3	31.6	34.4	35.9	37.0	37.6	37.9	38.0	38.3	38.3	38.4
≥ 4000		13.1	18.8	26.0	28.0	29.4	33.9	36.8	38.3	39.8	40.4	40.6	40.8	41.0	41.0	41.1
≥ 3500		14.3	20.1	27.6	29.6	31.3	35.9	39.1	40.6	42.1	42.8	43.0	43.1	43.4	43.4	43.5
≥ 3000		17.4	24.9	33.9	35.9	37.9	42.8	46.1	47.6	49.4	50.0	50.3	50.6	51.1	51.1	51.3
≥ 2500		20.8	29.6	40.9	43.4	46.0	51.6	55.5	57.4	59.4	60.1	60.5	61.3	61.9	61.9	62.0
≥ 2000		23.1	33.0	44.6	47.5	50.4	57.8	62.3	64.4	66.5	67.3	67.6	68.4	69.0	69.0	69.1
≥ 1800		23.5	33.5	45.5	49.0	51.9	60.0	64.5	66.8	69.3	70.1	70.5	71.3	71.9	71.9	72.0
≥ 1500		24.0	34.3	47.5	51.5	54.5	64.4	69.6	72.1	75.0	75.9	76.2	77.0	77.8	77.8	77.9
≥ 1200		24.0	34.4	47.8	51.8	54.9	65.6	71.4	74.1	78.0	79.4	79.8	80.5	81.3	81.3	81.4
≥ 1000		24.1	34.6	48.1	52.1	55.3	66.4	72.5	75.9	80.4	82.0	82.5	83.4	84.4	84.3	84.6
≥ 900		24.1	34.6	48.4	52.5	55.6	66.9	73.1	76.8	81.3	83.0	83.5	84.4	85.4	85.5	85.6
≥ 800		24.1	34.6	48.4	52.5	55.6	67.1	73.4	77.0	81.6	83.5	84.0	84.9	85.9	86.0	86.1
≥ 700		24.1	34.6	48.4	52.5	55.6	67.5	74.1	77.8	82.3	85.1	85.5	86.5	87.8	88.0	88.1
≥ 600		24.1	34.6	48.4	52.5	55.6	67.5	74.3	77.9	83.4	86.3	87.3	88.5	89.4	89.6	89.8
≥ 500		24.1	34.6	48.4	52.5	55.6	67.5	74.3	77.9	83.5	86.4	88.0	89.5	90.5	91.0	91.1
≥ 400		24.1	34.6	48.4	52.5	55.6	67.5	74.3	77.9	83.5	87.0	88.4	89.7	91.9	92.3	92.4
≥ 300		24.1	34.6	48.4	52.5	55.6	67.5	74.3	77.9	83.5	87.0	88.4	90.6	93.5	93.9	94.5
≥ 200		24.1	34.6	48.4	52.5	55.6	67.5	74.3	77.9	83.5	87.0	88.5	90.8	93.8	94.3	96.4
≥ 100		24.1	34.6	48.4	52.5	55.6	67.5	74.3	77.9	83.5	87.1	88.6	90.9	93.9	94.8	98.4
≥ 0		24.1	34.6	48.4	52.5	55.6	67.5	74.3	77.9	83.5	87.1	88.5	90.9	93.9	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI...
USAF ETAC
AIR WEATHER SERVICE/ ...AC

CEILING VERSUS VISIBILITY

36070 (STATION) BAD KREUZNACH GER ...ANY AAF (STATION NAME) 60-70 (YEAR) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		3.3	5.5	7.1	8.2	8.8	10.4	11.3	11.4	12.2	13.0	13.5	13.9	14.0	14.0	14.0
≥ 20000		4.7	7.2	9.4	10.8	11.4	13.8	15.2	15.4	16.4	17.6	18.2	18.5	18.8	18.8	19.0
≥ 18000		4.7	7.2	9.4	10.8	11.4	13.8	15.2	15.4	16.4	17.6	18.2	18.5	18.8	18.8	19.0
≥ 16000		4.7	7.2	9.4	10.8	11.4	13.8	15.2	15.4	16.4	17.6	18.2	18.5	18.8	18.8	19.0
≥ 14000		4.7	7.2	9.4	10.8	11.4	13.8	15.2	15.4	16.4	17.6	18.2	18.5	18.8	18.8	19.0
≥ 12000		4.7	7.2	9.4	10.8	11.4	13.8	15.2	15.4	16.4	17.6	18.2	18.5	18.8	18.8	19.0
≥ 10000		5.1	7.8	10.0	11.5	12.2	14.8	16.2	16.4	17.4	18.8	19.2	19.5	19.8	19.8	20.0
≥ 9000		5.5	8.2	10.5	12.1	12.8	15.5	17.2	17.4	18.5	20.0	20.3	20.9	21.1	21.1	21.3
≥ 8000		8.2	11.3	13.9	15.8	16.8	20.1	22.1	22.4	23.8	25.2	25.7	26.1	26.3	26.3	26.5
≥ 7000		9.3	12.4	15.2	17.3	18.3	22.0	24.4	24.9	26.4	28.0	28.6	29.2	29.4	29.4	29.6
≥ 6000		10.1	13.2	16.1	18.4	19.4	23.2	25.6	26.1	27.6	29.3	30.0	30.5	30.7	30.7	31.0
≥ 5000		11.0	14.3	17.8	20.2	21.2	25.0	27.5	28.1	29.7	31.4	32.1	32.6	33.0	33.0	33.2
≥ 4500		12.2	15.9	19.6	22.4	23.4	27.4	30.0	30.6	32.3	34.0	34.6	35.2	35.5	35.5	35.7
≥ 4000		14.4	19.1	23.3	26.3	27.3	31.5	34.2	34.9	36.6	38.4	39.1	39.6	40.0	40.0	40.2
≥ 3500		16.3	21.4	26.0	29.4	30.5	35.2	38.0	38.6	40.4	42.2	42.8	43.4	43.7	43.7	44.0
≥ 3000		20.5	26.6	32.3	36.2	37.4	42.7	45.8	46.5	48.6	50.4	51.1	51.9	52.5	52.5	52.7
≥ 2500		25.5	32.5	40.2	44.8	46.5	52.8	56.3	57.3	60.2	62.3	63.2	64.2	64.7	64.7	64.9
≥ 2000		26.6	33.6	41.7	46.8	48.8	55.6	59.6	60.9	64.2	66.5	67.4	68.4	68.9	68.9	69.1
≥ 1800		27.5	34.7	43.1	48.2	50.6	57.7	61.7	63.0	66.4	68.8	69.7	70.7	71.2	71.3	71.5
≥ 1500		28.4	35.7	45.0	50.8	53.2	60.9	65.4	66.7	70.4	73.0	74.0	75.0	75.9	75.9	76.4
≥ 1200		29.6	37.1	46.5	52.3	54.9	62.9	67.8	69.8	73.6	76.2	77.5	78.5	79.4	79.4	79.8
≥ 1000		30.0	37.4	46.8	52.7	55.5	64.4	69.6	71.9	76.5	79.1	80.4	81.5	82.5	82.5	83.0
≥ 900		30.0	37.4	46.8	52.8	55.6	64.5	69.9	72.3	76.8	79.9	81.2	82.4	83.4	83.4	83.9
≥ 800		30.0	37.4	46.8	52.9	55.8	64.7	70.7	73.0	77.8	81.1	82.5	83.6	84.7	84.7	85.2
≥ 700		30.0	37.4	46.8	52.9	55.8	64.7	70.9	73.6	78.5	82.6	84.1	85.5	86.6	86.8	87.3
≥ 600		30.0	37.4	46.8	52.9	55.8	64.7	71.0	73.7	78.9	83.0	84.7	86.3	87.9	89.1	88.7
≥ 500		30.0	37.4	46.8	52.9	55.8	64.7	71.0	73.7	78.9	83.5	85.5	87.6	89.9	90.2	91.1
≥ 400		30.0	37.4	46.8	52.9	55.8	64.7	71.0	73.7	78.9	83.9	85.8	88.2	90.9	91.2	92.2
≥ 300		30.0	37.4	46.8	52.9	55.8	64.7	71.0	73.7	78.9	83.9	85.9	88.3	91.7	92.5	94.2
≥ 200		30.0	37.4	46.8	52.9	55.8	64.7	71.0	73.7	79.4	84.4	86.3	88.8	92.1	93.0	96.1
≥ 100		30.0	37.4	46.8	52.9	55.8	64.7	71.0	73.7	79.4	84.5	86.5	89.0	92.3	93.3	98.6
≥ 0		30.0	37.4	46.8	52.9	55.8	64.7	71.0	73.7	79.4	84.5	86.5	89.0	92.3	93.3	100.0

TOTAL NUMBER OF OBSERVATIONS 901

USAFETAC FORM JUL 55 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI-
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		5.4	6.6	9.3	10.0	11.2	13.1	13.9	14.7	15.5	16.0	16.1	16.3	16.3	16.3	16.3
> 20000		7.9	9.5	12.3	13.2	14.7	17.1	18.1	19.1	20.1	20.6	20.7	21.1	21.1	21.1	21.2
≥ 18000		7.9	9.5	12.3	13.2	14.7	17.1	18.1	19.1	20.1	20.6	20.7	21.1	21.1	21.1	21.2
≥ 16000		7.9	9.5	12.3	13.2	14.7	17.1	18.1	19.1	20.1	20.6	20.7	21.1	21.1	21.1	21.2
≥ 14000		7.9	9.5	12.3	13.2	14.7	17.1	18.1	19.1	20.1	20.6	20.7	21.1	21.1	21.1	21.2
≥ 12000		8.2	9.8	12.6	13.7	15.2	17.6	18.5	19.6	20.6	21.1	21.2	21.5	21.5	21.5	21.6
≥ 10000		8.3	10.3	13.2	14.4	16.1	18.5	19.4	20.5	21.9	22.3	22.5	22.8	22.8	22.8	22.9
≥ 9000		9.4	11.5	14.6	15.9	17.8	20.0	21.1	22.1	23.5	24.0	24.1	24.4	24.4	24.4	24.5
≥ 8000		11.1	13.8	17.0	18.6	20.6	23.4	24.4	25.7	27.4	27.9	28.0	28.4	28.4	28.4	28.5
≥ 7000		13.0	15.7	19.1	20.8	23.3	26.5	27.7	29.1	31.1	31.6	31.7	32.1	32.1	32.1	32.2
≥ 6000		13.7	16.4	19.9	21.6	24.1	27.3	28.5	29.9	31.9	32.4	32.5	32.9	32.9	32.9	33.0
≥ 5000		14.7	17.7	21.8	23.7	26.2	29.5	31.0	32.4	34.5	35.0	35.1	35.4	35.4	35.4	35.5
≥ 4500		16.0	19.0	23.6	25.6	28.0	31.6	33.1	34.5	36.6	37.0	37.2	37.5	37.5	37.5	37.6
≥ 4000		18.3	21.4	26.7	29.1	31.5	35.1	36.7	38.1	40.3	41.0	41.1	41.4	41.4	41.4	41.6
≥ 3500		21.3	25.1	30.8	33.7	36.2	39.8	41.4	42.8	45.1	45.8	45.9	46.3	46.3	46.3	46.4
≥ 3000		25.7	30.2	36.6	39.6	42.1	46.6	48.5	50.1	53.0	53.7	53.8	54.3	54.3	54.3	54.4
≥ 2500		30.7	36.1	44.4	48.1	51.0	56.4	58.3	60.3	64.1	65.3	65.5	66.1	66.3	66.3	66.6
≥ 2000		32.5	38.2	46.9	50.8	53.8	59.4	61.8	63.8	67.9	69.1	69.3	70.0	70.4	70.4	70.6
≥ 1800		33.4	39.4	48.1	52.1	55.3	60.9	63.4	65.8	69.7	70.9	71.2	71.9	72.2	72.2	72.5
≥ 1500		34.6	40.9	50.1	54.2	57.6	64.0	66.8	69.1	73.4	74.8	75.0	75.7	76.2	76.2	76.4
≥ 1200		36.1	42.8	52.3	56.5	60.5	67.2	70.5	73.0	77.7	79.3	79.5	80.2	80.8	80.8	81.0
≥ 1000		36.5	43.2	52.7	56.9	61.3	69.0	72.9	76.0	81.4	83.4	84.5	85.2	85.9	85.9	86.2
≥ 900		36.6	43.4	52.9	57.4	61.8	69.8	73.7	77.1	82.4	84.7	85.8	86.5	87.2	87.2	87.5
≥ 800		36.6	43.4	53.1	57.6	62.2	70.3	74.8	78.1	84.1	86.7	87.7	88.7	89.4	89.4	89.7
≥ 700		36.6	43.4	53.1	57.6	62.2	70.4	74.9	78.6	85.0	87.5	88.7	89.7	90.4	90.4	90.7
≥ 600		36.6	43.4	53.1	57.6	62.2	70.4	75.1	78.8	85.4	88.2	89.4	90.4	91.2	91.2	91.7
≥ 500		36.6	43.4	53.1	57.6	62.2	70.4	75.1	78.9	85.5	88.7	90.2	91.4	93.1	93.1	93.8
≥ 400		36.6	43.4	53.1	57.6	62.2	70.4	75.1	78.9	85.5	88.8	90.3	91.6	93.8	93.9	94.8
≥ 300		36.6	43.4	53.1	57.6	62.2	70.4	75.1	78.9	85.6	89.2	90.7	92.4	94.8	95.0	96.4
≥ 200		36.6	43.4	53.1	57.6	62.2	70.4	75.1	78.9	85.8	89.4	90.9	92.5	95.1	95.6	97.6
≥ 100		36.6	43.4	53.1	57.6	62.2	70.4	75.1	78.9	85.8	89.4	90.9	92.5	95.3	95.8	99.4
≥ 0		36.6	43.4	53.1	57.6	62.2	70.4	75.1	78.9	85.8	89.4	90.9	92.5	95.3	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 864

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥¼	≥½	≥¾
NO CEILING		7.4	9.9	12.3	13.3	14.7	16.6	17.6	17.6	18.4	18.4	18.4	18.4	18.4	18.4	18.4
≥ 20000		9.6	12.6	15.5	16.9	18.4	20.5	21.8	22.0	22.8	22.9	23.0	23.0	23.1	23.1	23.3
≥ 18000		9.6	12.6	15.5	16.9	18.4	20.5	21.8	22.0	22.8	22.9	23.0	23.0	23.1	23.1	23.3
≥ 16000		9.6	12.6	15.5	16.9	18.4	20.5	21.8	22.0	22.8	22.9	23.0	23.0	23.1	23.1	23.3
≥ 14000		9.6	12.6	15.5	16.9	18.4	20.5	21.8	22.0	22.8	22.9	23.0	23.0	23.1	23.1	23.3
≥ 12000		9.7	12.7	15.6	17.1	18.6	20.8	22.0	22.3	23.0	23.1	23.3	23.3	23.4	23.4	23.5
≥ 10000		9.7	13.0	15.8	17.4	18.9	21.0	22.3	22.5	23.5	23.8	23.9	24.0	24.2	24.2	24.4
≥ 9000		10.4	13.7	16.6	18.4	19.9	22.0	23.4	23.8	25.0	25.3	25.4	25.5	25.7	25.7	25.9
≥ 8000		12.6	16.1	19.4	21.1	22.9	25.0	26.4	26.8	28.2	28.7	28.8	28.9	29.1	29.1	29.3
≥ 7000		14.6	18.2	21.5	23.3	25.2	27.5	29.2	29.6	31.3	31.8	31.9	32.1	32.2	32.2	32.5
≥ 6000		15.7	19.9	23.3	25.0	27.0	29.6	31.2	31.6	33.3	33.8	34.0	34.1	34.2	34.2	34.5
≥ 5000		16.6	21.1	24.7	26.5	28.6	31.1	32.8	33.2	35.3	35.8	36.0	36.1	36.2	36.2	36.5
≥ 4500		17.4	22.0	26.0	28.6	30.6	33.1	34.8	35.2	37.4	37.9	38.0	38.1	38.2	38.2	38.5
≥ 4000		20.0	24.8	29.2	32.6	34.7	37.2	39.1	39.5	41.6	42.1	42.3	42.5	42.6	42.6	42.9
≥ 3500		22.5	27.9	33.0	36.4	38.6	41.5	43.4	43.8	46.0	46.7	46.8	47.2	47.4	47.4	47.8
≥ 3000		25.8	33.1	38.4	42.3	44.9	48.2	50.6	51.2	54.0	54.7	55.0	55.3	55.6	55.6	56.0
≥ 2500		31.2	38.1	45.4	49.8	53.0	56.7	59.5	60.5	63.5	64.5	64.8	65.7	65.9	65.9	66.3
≥ 2000		32.8	40.3	48.1	53.1	56.2	61.3	64.2	65.3	69.4	70.4	70.7	71.7	72.1	72.1	72.5
≥ 1800		33.5	40.9	48.9	54.1	57.5	62.5	65.8	66.9	71.1	72.1	72.3	73.3	73.7	73.7	74.1
≥ 1500		34.3	41.8	50.4	56.0	59.4	64.9	68.4	69.7	74.0	75.1	75.8	76.9	77.2	77.2	77.6
≥ 1200		35.3	43.1	51.9	58.0	61.8	68.3	72.3	74.0	79.0	80.3	81.0	82.0	82.8	82.8	83.1
≥ 1000		35.7	43.8	52.8	59.5	63.9	70.9	75.2	77.4	83.5	85.0	86.0	87.2	87.9	87.9	88.3
≥ 900		35.7	43.8	52.8	59.5	63.9	70.9	75.5	77.7	83.9	85.4	86.4	87.5	88.3	88.3	88.7
≥ 800		36.0	44.0	53.1	59.7	64.3	71.3	76.4	78.7	85.5	87.2	88.3	89.8	90.6	90.6	90.5
≥ 700		36.0	44.0	53.1	59.7	64.3	71.3	76.4	78.7	85.8	87.8	89.1	90.6	91.3	91.3	91.7
≥ 600		36.0	44.0	53.1	59.7	64.3	71.3	76.4	78.7	85.8	87.8	89.1	90.6	91.3	91.3	91.7
≥ 500		36.1	44.2	53.2	59.9	64.4	71.4	76.5	78.9	86.0	88.3	90.1	91.9	93.1	93.1	94.2
≥ 400		36.1	44.2	53.2	59.9	64.4	71.4	76.5	78.9	86.4	88.9	90.8	93.0	94.3	94.3	95.5
≥ 300		36.1	44.2	53.2	59.9	64.4	71.4	76.5	78.9	86.5	89.1	90.9	93.5	95.0	95.3	96.9
≥ 200		36.1	44.2	53.2	59.9	64.4	71.4	76.5	78.9	86.5	89.1	90.9	93.5	95.1	95.7	97.6
≥ 100		36.1	44.2	53.2	59.9	64.4	71.4	76.5	78.9	86.5	89.1	90.9	93.6	95.2	95.8	99.0
≥ 0		36.1	44.2	53.2	59.9	64.4	71.4	76.5	78.9	86.5	89.1	90.9	93.6	95.2	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 795

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/ AC

CEILING VERSUS VISIBILITY

24070 (STATION) BAD KREUZNACH GERMANY AAF 62-65,67,69-70 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0	≥0	≥0
NO CEILING		6.3	9.2	10.3	11.5	12.1	14.4	14.9	15.5	15.5	15.5	15.5	16.1	16.7	16.7	16.7	
≥ 20000		6.9	9.8	10.9	12.6	13.8	16.7	17.2	17.8	17.8	17.8	17.8	18.4	19.0	19.0	19.0	
≥ 18000		6.9	9.8	10.9	12.6	13.8	16.7	17.2	17.8	17.8	17.8	17.8	18.4	19.0	19.0	19.0	
≥ 16000		6.9	9.8	10.9	12.6	13.8	16.7	17.2	17.8	17.8	17.8	17.8	18.4	19.0	19.0	19.0	
≥ 14000		6.9	9.8	10.9	12.6	13.8	16.7	17.2	17.8	17.8	17.8	17.8	18.4	19.0	19.0	19.0	
≥ 12000		6.9	9.8	10.9	12.6	13.8	16.7	17.2	17.8	17.8	17.8	17.8	18.4	19.0	19.0	19.0	
≥ 10000		6.9	10.3	11.5	13.2	14.4	17.2	17.8	18.4	18.4	19.0	19.0	19.5	20.1	20.1	20.1	
≥ 9000		7.5	10.9	12.1	14.4	15.5	19.0	20.7	21.3	21.3	21.8	21.8	22.4	23.0	23.0	23.0	
≥ 8000		10.3	14.4	16.1	18.4	19.5	23.0	24.7	25.9	25.9	26.4	26.4	27.0	27.6	27.6	27.6	
≥ 7000		10.3	14.9	16.7	19.0	20.1	25.3	27.0	28.2	28.2	28.7	28.7	29.3	29.9	29.9	29.9	
≥ 6000		10.9	16.1	17.8	20.1	21.3	26.4	28.2	29.3	29.3	29.9	29.9	30.5	31.0	31.0	31.0	
≥ 5000		10.9	16.7	18.4	21.3	22.4	27.6	29.3	30.5	31.0	31.6	31.6	32.2	32.8	32.8	32.8	
≥ 4500		12.1	18.4	20.1	23.0	24.1	30.5	32.2	33.3	33.9	34.5	34.5	35.1	35.6	35.6	35.6	
≥ 4000		13.8	21.3	23.6	26.4	27.6	34.5	36.2	37.4	37.9	38.5	38.5	39.1	39.7	39.7	39.7	
> 3500		15.5	23.0	25.9	28.7	29.9	37.4	39.1	40.2	41.4	42.0	42.0	42.5	43.1	43.1	43.1	
≥ 3000		21.3	29.9	33.9	36.8	39.1	46.6	48.9	50.6	52.3	53.4	53.4	54.0	54.6	54.6	54.6	
≥ 2500		22.4	32.2	37.4	40.8	43.1	51.7	54.6	56.3	58.6	59.8	59.8	60.9	62.1	62.1	62.1	
≥ 2000		23.0	35.1	41.4	44.8	47.1	57.5	61.5	63.2	67.2	68.4	68.4	69.5	70.7	70.7	70.7	
≥ 1800		23.6	35.6	42.0	46.0	48.3	58.6	63.2	64.9	69.0	70.1	70.1	71.3	72.4	72.4	72.4	
≥ 1500		25.3	37.4	43.7	48.3	51.1	62.1	66.7	68.4	73.0	74.7	74.7	76.4	77.6	77.6	77.6	
≥ 1200		25.3	37.4	43.7	48.9	52.3	64.4	69.5	71.3	76.4	79.3	79.3	81.0	82.8	82.8	82.8	
≥ 1000		25.9	37.9	44.3	49.4	53.4	66.7	73.6	75.3	82.2	85.6	85.6	87.4	89.1	89.1	89.1	
≥ 900		25.9	37.9	44.3	49.4	53.4	66.7	73.6	75.3	82.2	85.6	85.6	87.4	89.1	89.1	89.1	
≥ 800		25.9	37.9	44.3	49.4	53.4	66.7	74.1	75.9	83.9	87.9	87.9	89.7	91.4	91.4	91.4	
≥ 700		25.9	37.9	44.3	49.4	53.4	66.7	74.1	75.9	84.5	88.5	88.5	90.2	92.0	92.0	92.0	
≥ 600		25.9	37.9	44.3	49.4	53.4	66.7	74.1	75.9	84.5	88.5	88.5	90.2	92.0	92.0	92.0	
≥ 500		25.9	37.9	44.3	49.4	53.4	66.7	74.1	75.9	84.5	89.1	89.1	90.8	92.5	92.5	92.5	
≥ 400		25.9	37.9	44.3	49.4	53.4	66.7	74.1	75.9	84.5	89.1	89.1	91.4	93.1	93.1	93.1	
≥ 300		25.9	37.9	44.3	49.4	53.4	66.7	74.1	75.9	84.5	89.1	89.7	92.0	94.3	94.3	94.8	
≥ 200		25.9	37.9	44.3	49.4	53.4	66.7	74.1	75.9	84.5	89.1	89.7	92.0	94.3	94.8	95.4	
≥ 100		25.9	37.9	44.3	49.4	53.4	66.7	74.1	75.9	84.5	89.1	89.7	92.0	94.3	94.8	97.1	
≥ 0		25.9	37.9	44.3	49.4	53.4	66.7	74.1	75.9	84.5	89.1	89.7	92.0	94.3	94.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 174

USAFETAC FORM AA 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (PROGRAM) 62-66 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥5	≥	≥4	≥3	≥2.5	≥2	≥1½	≥1	≥1	≥¾	≥½	≥¼	≥0	≥¼	≥0
NO CEILING		7.5	11.8	14.0	17.2	17.2	22.6	24.7	25.8	25.8	28.0	28.0	29.0	29.0	29.0	29.0
≥ 20000		7.5	11.8	14.0	17.2	17.2	23.7	25.8	26.9	26.9	29.0	29.0	30.1	30.1	30.1	30.1
≥ 18000		7.5	11.8	14.0	17.2	17.2	23.7	25.8	26.9	26.9	29.0	29.0	30.1	30.1	30.1	30.1
≥ 16000		7.5	11.8	14.0	17.2	17.2	23.7	25.8	26.9	26.9	29.0	29.0	30.1	30.1	30.1	30.1
≥ 14000		7.5	11.8	14.0	17.2	17.2	23.7	25.8	26.9	26.9	29.0	29.0	30.1	30.1	30.1	30.1
≥ 12000		7.5	11.8	14.0	17.2	17.2	23.7	25.8	26.9	26.9	29.0	29.0	30.1	30.1	30.1	30.1
≥ 10000		7.5	11.8	14.0	17.2	17.2	24.7	26.9	28.0	28.0	30.1	30.1	31.2	31.2	31.2	31.2
≥ 9000		7.5	11.8	14.0	17.2	17.2	24.7	26.9	28.0	28.0	30.1	30.1	31.2	31.2	31.2	31.2
≥ 8000		7.5	11.8	14.0	17.2	17.2	24.7	26.9	28.0	28.0	30.1	30.1	31.2	31.2	31.2	31.2
≥ 7000		10.8	15.1	17.2	20.4	20.4	28.0	31.2	32.3	32.3	34.4	34.4	35.5	35.5	35.5	35.5
≥ 6000		12.9	17.2	19.4	22.6	22.6	30.1	33.3	34.4	34.4	36.6	36.6	37.6	37.6	37.6	37.6
≥ 5000		15.1	19.4	21.5	24.7	24.7	32.3	35.5	36.6	36.6	38.7	38.7	39.8	39.8	39.8	39.8
≥ 4500		15.1	20.4	24.7	28.0	28.0	35.5	38.7	39.8	39.8	41.9	41.9	43.0	43.0	43.0	43.0
≥ 4000		17.2	22.6	26.9	30.1	30.1	37.6	40.9	41.9	41.9	44.1	44.1	45.2	45.2	45.2	45.2
≥ 3500		20.4	26.9	31.2	34.4	34.4	42.0	46.2	47.3	47.3	49.5	49.5	50.5	50.5	50.5	50.5
≥ 3000		21.5	30.1	38.7	41.9	43.0	51.6	55.9	57.0	57.0	59.1	59.1	60.2	60.2	60.2	60.2
≥ 2500		25.8	35.5	46.2	49.5	50.5	60.2	65.6	66.7	66.7	68.8	69.9	71.0	71.0	71.0	71.0
≥ 2000		26.9	36.6	48.4	53.8	55.9	66.7	72.0	73.1	73.1	75.3	76.3	78.5	78.5	78.5	78.5
≥ 1800		26.9	36.6	48.4	53.8	55.9	66.7	72.0	73.1	73.1	75.3	76.3	78.5	78.5	78.5	78.5
≥ 1500		28.0	39.8	52.7	59.1	61.3	74.2	81.7	82.8	82.8	86.0	87.1	89.2	89.2	89.2	89.2
≥ 1200		30.1	40.9	53.8	60.2	62.4	75.3	82.8	83.9	83.9	87.1	88.2	90.3	90.3	90.3	90.3
≥ 1000		30.1	40.9	53.8	60.2	62.4	75.3	83.9	84.9	84.9	88.2	90.3	93.5	93.5	93.5	93.5
≥ 900		30.1	40.9	53.8	60.2	62.4	76.3	84.9	86.0	87.1	90.3	91.4	94.6	94.6	94.6	94.6
≥ 800		30.1	41.9	54.8	61.3	63.4	77.4	86.0	88.2	89.2	92.5	93.5	96.8	96.8	96.8	96.8
≥ 700		30.1	41.9	54.8	61.3	63.4	77.4	86.0	88.2	89.2	92.5	93.5	97.8	97.8	97.8	97.8
≥ 600		30.1	41.9	54.8	61.3	63.4	77.4	86.0	88.2	89.2	92.5	93.5	97.8	97.8	97.8	97.8
≥ 500		30.1	41.9	54.8	61.3	63.4	77.4	86.0	88.2	89.2	92.5	93.5	97.8	97.8	97.8	97.8
≥ 400		30.1	41.9	54.8	61.3	63.4	77.4	86.0	88.2	89.2	92.5	93.5	97.8	97.8	97.8	97.8
≥ 300		30.1	41.9	54.8	61.3	63.4	77.4	86.0	88.2	89.2	92.5	93.5	97.8	97.8	97.8	97.8
≥ 200		30.1	41.9	54.8	61.3	63.4	77.4	86.0	88.2	89.2	92.5	93.5	97.8	97.8	97.8	98.9
≥ 100		30.1	41.9	54.8	61.3	63.4	77.4	86.0	88.2	89.2	92.5	93.5	97.8	97.8	97.8	98.9
≥ 0		30.1	41.9	54.8	61.3	63.4	77.4	86.0	88.2	89.2	92.5	93.5	97.8	97.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 93

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥⅛	≥0
NO CEILING		11.5	12.3	14.6	16.6	17.4	20.6	20.9	21.6	22.9	23.6	24.0	24.6	24.9	24.9	25.0
≥ 20000		11.6	13.7	17.1	19.5	20.6	24.2	25.0	25.8	27.3	28.3	28.7	29.4	29.8	29.8	29.9
≥ 18000		11.6	13.7	17.1	19.5	20.6	24.2	25.0	25.8	27.3	28.3	28.7	29.4	29.8	29.8	29.9
≥ 16000		11.6	13.7	17.1	19.5	20.6	24.2	25.0	25.8	27.3	28.3	28.7	29.4	29.8	29.8	29.9
≥ 14000		11.6	13.7	17.1	19.5	20.6	24.2	25.0	25.8	27.3	28.3	28.7	29.4	29.8	29.8	29.9
≥ 12000		11.7	13.8	17.3	19.6	20.7	24.4	25.3	26.1	27.5	28.6	29.0	29.6	30.0	30.0	30.2
≥ 10000		11.9	14.3	17.5	19.9	21.2	25.3	26.2	27.1	28.6	29.6	30.2	30.8	31.2	31.2	31.4
≥ 9000		12.3	14.4	18.1	20.6	21.9	26.2	27.1	28.1	29.5	30.6	31.1	31.8	32.1	32.1	32.3
≥ 8000		14.9	17.1	20.9	23.8	25.2	29.8	31.0	32.0	33.6	34.7	35.2	35.8	36.2	36.2	36.4
≥ 7000		16.1	18.7	22.9	25.8	27.1	31.9	33.2	34.3	36.1	37.2	37.8	38.5	39.1	39.1	39.3
≥ 6000		16.6	19.6	23.8	26.7	28.1	32.8	34.3	35.3	37.2	38.2	38.9	39.5	40.2	40.2	40.3
≥ 5000		18.1	21.2	25.7	28.6	29.9	35.0	36.6	37.7	39.5	40.6	41.2	41.9	42.6	42.6	42.7
≥ 4500		19.0	22.1	27.0	30.0	31.8	36.9	38.5	39.5	41.5	42.6	43.2	43.9	44.5	44.5	44.7
≥ 4000		21.2	24.8	31.0	34.1	35.8	41.1	42.7	43.7	45.7	46.8	47.4	48.2	48.9	48.9	49.0
≥ 3500		23.5	27.7	34.3	37.7	39.4	45.2	46.9	48.0	49.9	51.0	51.6	52.4	53.1	53.1	53.2
≥ 3000		28.2	33.3	41.6	45.7	47.6	54.5	56.5	58.1	60.2	61.5	62.2	63.1	63.8	63.8	63.9
≥ 2500		30.8	37.7	46.6	51.3	53.5	61.0	63.9	65.5	68.0	69.4	70.4	71.4	72.1	72.1	72.3
≥ 2000		32.0	40.1	49.4	54.5	56.8	64.4	67.5	69.2	71.9	73.4	74.4	75.8	76.4	76.4	76.9
≥ 1800		32.6	41.1	50.6	55.9	58.1	65.7	69.0	71.1	73.9	75.4	76.4	77.9	78.5	78.5	79.1
≥ 1500		33.5	42.4	52.6	58.5	60.7	69.0	72.3	74.6	77.7	79.7	81.0	82.5	83.3	83.3	83.8
≥ 1200		34.1	43.3	53.8	60.1	62.5	71.4	75.1	77.3	80.6	82.7	84.1	85.8	86.6	86.6	87.1
≥ 1000		34.1	43.5	53.9	60.6	63.0	72.1	76.4	78.7	82.7	85.4	86.7	88.7	89.6	89.6	90.1
≥ 900		34.1	43.6	54.0	60.7	63.1	72.3	76.7	78.9	83.0	85.8	87.1	89.1	90.1	90.1	90.6
≥ 800		34.1	43.7	54.2	60.9	63.2	72.6	76.9	79.2	83.3	86.2	87.5	89.6	90.9	90.9	91.4
≥ 700		34.1	43.7	54.2	60.9	63.2	72.6	76.9	79.2	83.3	86.3	88.0	90.1	91.6	91.6	92.1
≥ 600		34.1	43.7	54.2	60.9	63.2	72.6	76.9	79.3	83.4	86.8	88.8	90.9	92.4	92.4	92.9
≥ 500		34.1	43.7	54.2	60.9	63.2	72.6	76.9	79.3	83.5	87.0	88.9	91.2	92.8	92.8	93.4
≥ 400		34.1	43.7	54.2	60.9	63.2	72.6	76.9	79.3	83.7	87.7	89.7	92.0	94.1	94.1	94.7
≥ 300		34.1	43.7	54.2	60.9	63.2	72.6	76.9	79.3	83.7	87.7	89.7	92.1	94.9	95.0	95.8
≥ 200		34.1	43.7	54.2	60.9	63.2	72.6	76.9	79.3	83.7	87.7	89.7	92.1	95.0	95.3	96.7
≥ 100		34.1	43.7	54.2	60.9	63.2	72.6	76.9	79.3	83.7	87.7	89.7	92.1	95.3	95.7	98.0
≥ 0		34.1	43.7	54.2	60.9	63.2	72.6	76.9	79.3	83.7	87.7	89.7	92.1	95.3	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 759

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		8.2	10.5	11.9	12.8	14.1	16.0	16.7	17.2	18.4	19.6	20.2	21.2	21.8	21.8	21.8
≥ 20000		11.6	14.3	16.6	18.1	19.5	22.1	22.9	23.5	25.0	26.6	27.7	28.9	29.6	29.6	29.6
≥ 18000		11.6	14.3	16.6	18.1	19.5	22.1	22.9	23.5	25.0	26.6	27.7	28.9	29.6	29.6	29.6
≥ 16000		11.6	14.3	16.6	18.1	19.5	22.1	22.9	23.5	25.0	26.6	27.7	28.9	29.6	29.6	29.6
≥ 14000		11.7	14.4	16.7	18.2	19.6	22.3	23.0	23.6	25.2	26.7	27.8	29.0	29.7	29.7	29.7
≥ 12000		11.7	14.4	16.7	18.3	19.7	22.4	23.1	23.7	25.3	26.8	27.9	29.1	29.8	29.8	29.8
≥ 10000		12.5	15.3	18.1	19.6	21.2	23.8	24.8	25.8	27.4	29.0	30.2	31.4	32.1	32.1	32.1
≥ 9000		13.7	16.6	19.6	21.4	23.0	25.8	26.7	27.7	29.6	31.2	32.4	33.6	34.3	34.3	34.3
≥ 8000		17.1	20.7	24.2	26.5	28.0	31.4	33.1	34.3	36.3	38.1	39.4	40.7	41.4	41.4	41.4
≥ 7000		17.4	21.3	25.2	27.7	29.2	32.7	35.3	36.6	39.1	40.8	42.0	43.6	44.4	44.4	44.4
≥ 6000		17.9	22.1	26.0	28.6	30.2	33.7	36.2	37.5	40.1	41.8	43.0	44.5	45.4	45.4	45.4
≥ 5000		18.8	23.2	27.8	30.4	32.1	36.0	38.5	39.8	42.4	44.0	45.2	46.8	47.7	47.7	47.7
≥ 4500		19.7	24.2	28.9	31.5	33.2	37.1	39.6	40.9	43.4	45.1	46.3	47.9	48.7	48.7	48.7
≥ 4000		22.7	27.6	33.0	35.6	37.3	41.4	43.9	45.4	48.1	49.9	51.4	52.9	53.8	53.8	53.8
≥ 3500		24.5	29.6	35.5	38.5	40.6	44.5	47.3	49.0	51.7	53.5	55.0	56.6	57.4	57.4	57.4
≥ 3000		28.6	34.3	40.6	43.7	45.8	50.1	53.3	55.0	58.7	61.0	62.5	64.3	65.3	65.3	65.3
≥ 2500		32.7	39.0	47.1	51.4	54.6	59.2	62.6	65.0	68.4	70.8	72.3	74.2	75.3	75.3	75.5
≥ 2000		34.3	40.7	48.7	53.5	56.7	62.0	65.6	68.0	71.5	74.1	75.9	78.0	79.1	79.1	79.2
≥ 1800		34.5	41.0	49.5	54.3	57.6	62.8	66.4	68.8	72.3	75.0	76.8	79.1	80.1	80.1	80.3
≥ 1500		35.6	42.1	50.7	55.7	59.7	65.5	69.1	71.8	75.6	78.6	80.6	83.2	84.5	84.5	84.6
≥ 1200		36.5	43.3	52.2	57.4	61.7	67.9	71.6	74.7	79.1	82.3	84.4	87.[illegible]	88.7	88.7	88.8
≥ 1000		36.7	43.7	52.6	57.9	62.3	68.7	72.7	75.9	81.1	84.8	87.0	89.8	91.7	91.7	91.8
≥ 900		36.9	43.9	52.8	58.1	62.6	69.0	73.0	76.3	81.6	85.3	87.5	90.3	92.2	92.2	92.3
≥ 800		36.9	43.9	52.8	58.1	62.6	69.0	73.0	76.3	81.7	85.6	87.7	90.6	92.3	92.5	92.7
≥ 700		36.9	43.9	52.8	58.1	62.6	69.0	73.2	76.4	81.8	85.8	88.0	91.0	93.0	93.0	93.1
≥ 600		36.9	43.9	52.8	58.1	62.6	69.1	73.4	76.8	82.3	86.3	88.7	91.7	93.7	93.7	93.9
≥ 500		36.9	43.9	52.8	58.1	62.6	69.1	73.4	76.8	82.4	86.5	88.9	92.1	94.1	94.1	94.2
≥ 400		36.9	43.9	52.8	58.1	62.6	69.1	73.4	76.8	82.4	86.5	89.0	92.4	95.1	95.1	95.2
≥ 300		36.9	43.9	52.8	58.1	62.6	69.1	73.4	76.8	82.4	86.5	89.0	92.4	95.7	95.9	96.9
≥ 200		36.9	43.9	52.8	58.1	62.6	69.1	73.4	76.8	82.4	86.6	89.2	92.5	96.0	96.5	97.8
≥ 100		36.9	43.9	52.8	58.1	62.6	69.1	73.4	76.8	82.4	86.6	89.2	92.5	96.0	96.6	99.0
≥ 0		36.9	43.9	52.8	58.1	62.6	69.1	73.4	76.8	82.4	86.6	89.2	92.5	96.0	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 831

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥5/16	≥¼	≥0
NO CEILING		11.4	13.2	15.7	16.7	17.3	18.9	20.1	20.4	21.9	22.1	22.4	22.4	22.4	22.6	22.6
≥ 20000		13.9	16.7	19.3	20.8	21.4	24.2	25.6	26.2	28.1	28.4	28.8	28.8	28.9	28.9	28.9
≥ 18000		13.9	16.7	19.3	20.8	21.6	24.2	25.6	26.2	28.1	28.4	28.8	28.8	28.9	28.9	28.9
≥ 16000		13.9	16.7	19.3	20.8	21.7	24.3	25.7	26.3	28.2	28.6	28.9	28.9	29.1	29.1	29.1
≥ 14000		14.0	16.8	19.4	20.9	21.8	24.4	25.8	26.4	28.3	28.7	29.1	29.1	29.2	29.2	29.2
≥ 12000		14.0	16.8	19.4	21.2	22.1	24.7	26.1	26.7	28.6	28.9	29.3	29.3	29.4	29.4	29.4
≥ 10000		15.0	17.8	20.7	23.1	24.1	26.8	28.3	29.1	31.2	31.7	32.1	32.1	32.2	32.2	32.2
≥ 9000		16.9	19.9	22.8	25.3	26.3	29.1	30.8	31.7	34.0	34.5	34.8	34.8	35.0	35.0	35.0
≥ 8000		18.7	21.9	25.8	28.6	29.7	32.8	34.8	36.3	38.6	39.1	39.5	39.5	39.6	39.6	39.6
≥ 7000		19.7	23.1	27.2	30.1	31.5	34.6	36.8	38.6	41.1	41.7	42.1	42.1	42.2	42.2	42.2
≥ 6000		20.3	23.7	28.1	31.0	32.3	35.6	37.8	39.6	42.2	43.0	43.6	43.6	43.7	43.7	43.7
≥ 5000		21.7	25.1	29.6	32.5	34.0	37.3	39.6	41.4	44.0	44.7	45.4	45.4	45.5	45.5	45.5
≥ 4500		23.3	26.9	31.5	34.5	36.1	39.6	41.9	43.6	46.2	47.0	47.6	47.6	47.7	47.7	47.7
≥ 4000		25.6	29.2	34.0	37.0	38.7	42.4	44.7	46.6	49.4	50.1	50.8	50.8	50.9	50.9	50.9
≥ 3500		28.6	32.2	37.2	40.4	42.1	46.0	48.5	50.4	53.1	53.9	54.5	54.5	54.6	54.6	54.6
≥ 3000		35.8	41.0	47.1	50.3	52.3	56.6	59.5	62.2	65.4	66.7	67.3	67.4	67.5	67.5	67.5
≥ 2500		41.1	47.1	54.3	58.1	60.8	65.8	68.8	71.4	74.8	76.1	76.8	76.9	77.1	77.1	77.1
≥ 2000		43.6	49.7	56.9	60.9	63.5	69.2	72.3	75.2	78.8	80.3	81.5	81.8	82.0	82.0	82.0
≥ 1800		43.9	50.1	57.3	61.3	64.2	69.5	72.9	75.8	79.4	81.1	82.5	82.8	83.1	83.1	83.1
≥ 1500		45.0	51.4	58.9	63.5	66.5	72.8	75.9	79.3	83.0	84.6	86.2	86.6	87.1	87.1	87.1
≥ 1200		47.4	54.0	61.9	67.2	70.3	76.9	80.3	84.1	88.2	89.8	91.9	92.2	92.7	92.7	92.7
≥ 1000		47.6	54.3	62.2	67.4	70.6	77.3	80.7	84.7	89.2	91.0	93.0	93.6	94.4	94.5	94.5
≥ 900		47.7	54.4	62.3	67.5	70.8	77.6	81.0	85.1	89.7	91.5	93.5	94.1	94.9	95.0	95.0
≥ 800		47.7	54.4	62.3	67.5	70.8	77.7	81.1	85.2	90.1	92.1	94.1	94.9	95.6	95.7	95.7
≥ 700		47.7	54.4	62.3	67.5	70.8	77.7	81.1	85.2	90.2	92.6	94.9	95.9	96.6	96.7	96.7
≥ 600		47.7	54.4	62.3	67.5	70.8	77.7	81.1	85.3	90.6	93.2	95.5	96.5	97.2	97.4	97.4
≥ 500		47.7	54.4	62.3	67.5	70.8	77.7	81.1	85.3	90.6	93.2	95.5	96.9	97.6	97.7	98.0
≥ 400		47.7	54.4	62.3	67.5	70.8	77.7	81.1	85.3	90.6	93.6	95.9	97.4	98.1	98.2	98.5
≥ 300		47.7	54.4	62.3	67.5	70.8	77.7	81.1	85.3	90.6	93.6	95.9	97.4	98.5	98.6	99.0
≥ 200		47.7	54.4	62.3	67.5	70.8	77.7	81.1	85.3	90.6	93.6	96.0	97.5	98.9	99.0	99.4
≥ 100		47.7	54.4	62.3	67.5	70.8	77.7	81.1	85.3	90.6	93.6	96.0	97.5	98.9	99.2	100.0
≥ 0		47.7	54.4	62.3	67.5	70.8	77.7	81.1	85.3	90.6	93.6	96.0	97.5	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 798

USAFETAC FORM AA 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		15.2	17.7	20.3	20.6	21.0	21.9	23.1	23.5	23.7	23.7	23.7	23.7	23.7	23.8	23.8
≥ 20000		18.9	22.7	26.3	27.1	28.0	29.6	31.1	31.9	32.2	32.5	32.7	33.2	33.3	33.4	33.4
≥ 18000		18.9	22.7	26.3	27.1	28.0	29.6	31.1	31.9	32.2	32.5	32.7	33.2	33.3	33.4	33.4
≥ 16000		18.9	22.7	26.3	27.1	28.0	29.6	31.1	31.9	32.2	32.5	32.7	33.2	33.3	33.4	33.4
≥ 14000		18.9	22.7	26.3	27.1	28.0	29.6	31.1	31.9	32.2	32.5	32.7	33.2	33.3	33.4	33.4
≥ 12000		19.4	23.1	26.7	27.7	28.7	30.3	31.8	32.6	32.9	33.2	33.4	33.8	34.0	34.1	34.1
≥ 10000		20.6	24.4	28.0	29.2	30.2	32.3	33.8	34.8	35.0	35.3	35.6	36.0	36.1	36.3	36.3
≥ 9000		21.4	25.3	29.0	30.3	31.3	33.6	35.5	36.5	36.9	37.2	37.5	37.9	38.0	38.2	38.2
≥ 8000		23.5	27.7	31.5	33.4	34.4	37.1	39.1	40.5	41.0	41.3	41.5	41.9	42.1	42.2	42.2
≥ 7000		25.7	30.0	33.8	35.7	36.7	39.4	41.7	43.0	43.8	44.1	44.4	44.8	44.9	45.1	45.1
≥ 6000		26.8	31.1	35.5	37.5	38.6	41.3	43.6	44.9	46.3	46.5	46.8	47.2	47.4	47.5	47.5
≥ 5000		27.5	31.8	36.1	38.2	39.2	42.1	44.5	45.9	47.2	47.5	47.8	48.2	48.3	48.4	48.4
≥ 4500		29.0	33.4	37.8	40.1	41.3	44.1	46.5	47.9	49.3	49.5	49.8	50.2	50.3	50.5	50.5
≥ 4000		31.7	36.5	41.7	44.1	45.6	48.4	50.9	52.6	54.1	54.4	54.7	55.1	55.2	55.3	55.3
≥ 3500		35.2	40.3	46.0	48.6	50.1	52.9	55.3	57.1	58.6	59.0	59.3	59.7	59.8	59.9	59.9
≥ 3000		41.0	47.5	53.3	56.6	58.3	61.3	64.3	66.2	67.9	68.6	68.9	69.4	69.6	69.7	69.7
≥ 2500		46.7	54.5	62.0	65.4	67.6	70.9	74.2	76.0	78.1	78.8	79.0	79.8	80.2	80.4	80.4
≥ 2000		48.0	56.0	64.0	67.5	70.2	74.0	77.5	79.8	82.0	82.7	83.4	84.2	85.0	85.1	85.1
≥ 1800		48.4	56.4	64.4	68.5	71.2	75.6	79.3	81.6	83.8	84.4	85.1	85.9	86.7	86.9	86.9
≥ 1500		49.9	58.2	66.7	70.9	73.6	78.2	82.0	84.3	86.7	87.4	88.1	89.0	89.9	90.0	90.0
≥ 1200		51.0	59.5	68.2	72.4	75.1	79.7	83.9	86.2	88.8	89.4	90.3	91.3	92.2	92.3	92.3
≥ 1000		51.6	60.1	68.7	72.9	75.6	80.2	84.4	86.7	89.7	90.8	91.7	93.0	93.9	94.0	94.0
≥ 900		51.6	60.1	68.7	72.9	75.6	80.2	84.4	86.7	89.7	90.8	91.9	93.1	94.2	94.3	94.3
≥ 800		51.6	60.1	68.7	72.9	75.6	80.2	84.4	86.7	89.7	90.8	91.9	93.2	94.6	94.7	94.9
≥ 700		51.6	60.1	68.7	72.9	75.6	80.2	84.4	86.7	89.9	91.1	92.3	94.0	95.4	95.5	95.7
≥ 600		51.6	60.1	68.7	72.9	75.6	80.2	84.4	86.7	89.9	91.2	92.4	94.2	95.5	95.7	95.8
≥ 500		51.6	60.1	68.7	72.9	75.6	80.2	84.4	86.7	90.0	91.3	92.7	94.9	96.3	96.5	96.8
≥ 400		51.6	60.1	68.7	72.9	75.6	80.2	84.4	86.9	90.3	91.7	93.1	95.3	97.0	97.2	97.8
≥ 300		51.6	60.1	68.7	72.9	75.6	80.2	84.4	86.9	90.3	91.9	93.2	95.4	97.8	98.0	98.6
≥ 200		51.6	60.1	68.7	72.9	75.6	80.2	84.4	86.9	90.3	91.9	93.4	95.5	98.0	98.1	99.1
≥ 100		51.6	60.1	68.7	72.9	75.6	80.2	84.4	86.9	90.3	91.9	93.4	95.5	98.0	98.5	100.0
≥ 0		51.6	60.1	68.7	72.9	75.6	80.2	84.4	86.9	90.3	91.9	93.4	95.5	98.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 739

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNAC GERMANY AAF (STATION NAME) 62-65,67,69-70 (YEAR) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		18.9	22.6	24.5	26.4	27.0	27.7	28.9	29.6	29.6	30.2	30.2	30.2	30.2	30.2	30.2
≥ 20000		22.0	27.0	28.9	32.1	32.7	34.6	35.8	37.1	37.7	38.4	38.4	39.0	39.0	39.0	39.0
≥ 18000		22.0	27.0	28.9	32.1	32.7	34.6	35.8	37.1	37.7	38.4	38.4	39.0	39.0	39.0	39.0
≥ 16000		22.0	27.0	28.9	32.1	32.7	34.6	35.8	37.1	37.7	38.4	38.4	39.0	39.0	39.0	39.0
≥ 4000		22.0	27.0	28.9	32.1	32.7	34.6	35.8	37.1	37.7	38.4	38.4	39.0	39.0	39.0	39.0
≥ 12000		22.6	27.7	29.6	32.7	33.3	35.2	36.5	37.7	38.4	39.0	39.0	39.6	39.6	39.6	39.6
≥ 10000		22.6	27.7	29.6	32.7	33.3	35.8	37.1	38.4	39.0	39.6	39.6	40.3	40.3	40.3	40.3
≥ 9000		23.3	28.3	30.2	33.3	34.0	36.5	37.7	39.0	39.6	40.3	40.3	40.9	40.9	40.9	40.9
≥ 8000		27.0	32.7	34.6	38.4	39.0	42.1	43.4	44.7	45.3	45.9	45.9	46.5	46.5	46.5	46.5
≥ 7000		28.9	34.6	36.5	40.3	40.9	44.0	45.3	47.2	47.8	48.4	48.4	49.1	49.1	49.1	49.1
≥ 6000		30.2	35.8	37.7	41.5	42.1	45.3	46.5	48.4	49.1	49.7	49.7	50.3	50.3	50.3	50.3
≥ 5000		31.4	37.1	39.0	43.4	44.0	47.2	48.4	50.3	51.0	52.2	52.2	52.8	52.8	52.8	52.8
≥ 4500		34.0	39.6	42.8	46.5	47.2	50.3	51.6	53.5	54.7	55.3	55.3	56.0	56.0	56.0	56.0
≥ 4000		37.1	44.0	47.2	50.9	51.6	54.7	56.6	58.5	59.7	60.4	60.4	61.0	61.0	61.0	61.0
≥ 3500		39.6	47.2	52.2	56.0	56.6	59.7	61.6	63.5	64.8	65.4	65.4	66.0	66.0	66.0	66.0
≥ 3000		42.8	51.6	56.6	61.0	62.3	65.4	67.9	70.4	72.3	73.0	73.0	73.6	73.6	73.6	73.6
≥ 2500		46.5	56.0	62.3	67.9	69.2	73.0	76.1	78.6	80.5	81.1	81.1	81.8	81.8	81.8	81.8
≥ 2000		47.2	56.6	62.9	68.6	69.8	74.2	77.4	80.5	83.0	84.3	84.3	84.9	84.9	84.9	85.5
≥ 1800		47.2	56.6	62.9	69.2	70.4	74.8	78.0	81.1	83.6	84.9	84.9	85.5	85.5	85.5	86.2
≥ 1500		49.7	59.1	66.0	72.3	73.6	78.0	81.1	84.3	86.8	88.1	88.1	88.7	88.7	88.7	89.3
≥ 1200		50.9	61.0	67.9	74.8	76.1	80.5	83.6	86.8	89.3	91.2	91.2	91.8	91.8	91.8	92.5
≥ 1000		52.8	62.9	69.8	76.7	78.0	83.0	86.2	89.3	91.8	93.7	94.3	95.6	95.6	95.6	96.2
≥ 900		52.8	62.9	69.8	76.7	78.0	83.0	86.2	89.3	91.8	93.7	94.3	96.2	96.2	96.2	96.9
≥ 800		52.8	62.9	69.8	76.7	78.0	83.0	86.2	89.3	91.8	93.7	94.3	96.2	96.9	96.9	97.5
≥ 700		52.8	62.9	69.8	76.7	78.0	83.0	86.2	89.3	91.8	93.7	94.3	96.2	96.9	96.9	97.5
≥ 600		52.8	62.9	69.8	76.7	78.0	83.0	86.2	89.3	91.8	93.7	94.3	96.2	96.9	96.9	97.5
≥ 500		52.8	62.9	69.8	76.7	78.0	83.0	86.2	89.3	91.8	93.7	95.0	96.9	98.1	98.1	98.7
≥ 400		52.8	62.9	69.8	76.7	78.0	83.0	86.2	89.3	91.8	93.7	95.0	96.9	98.1	98.1	98.7
≥ 300		52.8	62.9	69.8	76.7	78.0	83.0	86.2	89.3	91.8	93.7	95.0	96.9	98.1	98.7	99.4
≥ 200		52.8	62.9	69.8	76.7	78.0	83.0	86.2	89.3	91.8	93.7	95.0	96.9	98.1	98.7	99.4
≥ 100		52.8	62.9	69.8	76.7	78.0	83.0	86.2	89.3	91.8	93.7	95.0	96.9	98.1	99.4	100.0
≥ 0		52.8	62.9	69.8	76.7	78.0	83.0	86.2	89.3	91.8	93.7	95.0	96.9	98.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 159

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 68 (YEAR) MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥⅛	≥0
NO CEILING		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 16000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
> 4500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 950		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNAC- GER.A.Y AAF (STATION NAME) 62-64,68 (YEAR) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		5,1	11,5	19,2	21,8	23,1	26,9	26,9	28,2	29,5	32,1	32,1	32,1	32,1	32,1	33,3
≥ 20000		6,4	12,8	20,5	23,1	24,4	29,5	30,8	32,1	33,3	35,9	35,9	35,9	35,9	35,9	37,2
≥ 18000		6,4	12,8	20,5	23,1	24,4	29,5	30,8	32,1	33,3	35,9	35,9	35,9	35,9	35,9	37,2
≥ 16000		6,4	12,8	20,5	23,1	24,4	29,5	30,8	32,1	33,3	35,9	35,9	35,9	35,9	35,9	37,2
≥ 14000		6,4	12,8	20,5	23,1	24,4	29,5	30,8	32,1	33,3	35,9	37,2	37,2	37,2	37,2	38,5
≥ 12000		6,4	12,8	20,5	23,1	24,4	29,5	30,8	32,1	34,6	37,2	38,5	38,5	38,5	38,5	39,7
≥ 10000		6,4	12,8	20,5	23,1	24,4	29,5	30,8	32,1	34,6	37,2	38,5	38,5	38,5	38,5	39,7
≥ 9000		6,4	12,8	20,5	23,1	24,4	29,5	30,8	32,1	34,6	37,2	38,5	38,5	38,5	38,5	39,7
≥ 8000		6,4	14,1	21,8	24,4	25,6	30,8	32,1	33,3	35,9	38,5	39,7	39,7	39,7	39,7	41,0
≥ 7000		6,4	15,4	24,4	26,9	28,2	33,3	34,6	35,9	38,5	41,0	42,3	42,3	42,3	42,3	43,6
≥ 6000		6,4	15,4	24,4	26,9	28,2	33,3	34,6	35,9	38,5	41,0	42,3	42,3	42,3	42,3	43,6
≥ 5000		6,4	15,4	24,4	26,9	28,2	33,3	34,6	35,9	38,5	41,0	42,3	42,3	42,3	42,3	43,6
≥ 4500		6,4	15,4	25,6	28,2	29,5	34,6	35,9	37,2	39,7	42,3	43,6	43,6	43,6	43,6	44,9
≥ 4000		6,4	17,9	28,2	30,8	32,1	37,2	38,5	39,7	43,6	46,2	47,4	47,4	47,4	47,4	48,7
≥ 3500		7,7	20,5	33,3	35,9	37,2	42,3	43,6	44,9	48,7	51,3	52,6	52,6	52,6	52,6	53,8
≥ 3000		9,0	23,1	38,5	43,6	44,9	50,0	51,3	52,6	56,4	59,0	60,3	60,3	60,3	60,3	61,5
≥ 2500		12,8	30,8	51,3	59,0	60,3	67,9	71,8	73,1	78,2	80,8	82,1	82,1	82,1	82,1	83,3
≥ 2000		12,8	34,6	56,4	65,4	66,7	74,4	78,2	79,5	85,9	89,7	91,0	91,0	91,0	91,0	92,3
≥ 1800		12,8	34,6	56,4	65,4	66,7	74,4	78,2	79,5	87,2	91,0	92,3	92,3	92,3	92,3	93,6
≥ 1500		12,8	34,6	56,4	65,4	66,7	74,4	78,2	79,5	87,2	91,0	92,3	92,3	92,3	92,3	93,6
≥ 1200		12,8	34,6	56,4	65,4	66,7	74,4	78,2	79,5	87,2	91,0	92,3	92,3	92,3	92,3	93,6
≥ 1000		12,8	34,6	56,4	65,4	66,7	74,4	78,2	79,5	87,2	92,3	93,6	93,6	93,6	93,6	94,9
≥ 900		12,8	34,6	56,4	65,4	66,7	74,4	78,2	79,5	87,2	92,3	93,6	93,6	93,6	93,6	94,9
≥ 800		12,8	34,6	56,4	65,4	66,7	74,4	78,2	79,5	87,2	92,3	93,6	93,6	93,6	93,6	94,9
≥ 700		12,8	34,6	56,4	65,4	66,7	74,4	78,2	79,5	87,2	92,3	93,6	94,9	94,9	94,9	96,2
≥ 600		12,8	34,6	56,4	66,7	67,9	75,6	79,5	80,8	88,5	93,6	94,9	96,2	96,2	96,2	97,4
≥ 500		12,8	34,6	56,4	66,7	67,9	75,6	79,5	80,8	88,5	93,6	94,9	96,2	96,2	96,2	97,4
≥ 400		12,8	34,6	56,4	66,7	67,9	75,6	79,5	80,8	88,5	93,6	94,9	96,2	96,2	96,2	98,7
≥ 300		12,8	34,6	56,4	66,7	67,9	75,6	79,5	80,8	88,5	93,6	94,9	96,2	96,2	96,2	98,7
≥ 200		12,8	34,6	56,4	66,7	67,9	75,6	79,5	80,8	88,5	93,6	94,9	96,2	96,2	96,2	98,7
≥ 100		12,8	34,6	56,4	66,7	67,9	75,6	79,5	80,8	88,5	93,6	94,9	96,2	96,2	96,2	100,0
≥ 0		12,8	34,6	56,4	66,7	67,9	75,6	79,5	80,8	88,5	93,6	94,9	96,2	96,2	96,2	100,0

TOTAL NUMBER OF OBSERVATIONS 78

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI..
USAF ETAC
AIR WEATHER SERVICE/"AC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		9,6	13,0	18,1	19,9	21,2	23,6	24,2	24,9	26,7	28,2	28,8	29,0	29,6	29,6	30,0
≥ 20000		12,0	16,5	21,4	23,6	25,0	27,8	28,7	29,5	31,9	33,6	34,1	34,5	35,1	35,1	35,7
≥ 18000		12,0	16,5	21,4	23,6	25,0	27,8	28,7	29,5	31,9	33,6	34,1	34,5	35,1	35,1	35,7
≥ 16000		12,0	16,5	21,4	23,6	25,0	27,8	28,7	29,5	31,9	33,6	34,1	34,5	35,1	35,1	35,7
≥ 14000		12,0	16,5	21,4	23,6	25,0	27,8	28,7	29,5	31,9	33,6	34,2	34,8	35,4	35,4	36,0
≥ 12000		12,0	16,6	21,5	23,7	25,1	27,9	28,8	29,6	32,0	33,7	34,5	35,0	35,6	35,6	36,2
≥ 10000		12,3	17,5	22,3	24,7	26,0	29,0	29,8	30,7	33,1	35,0	35,7	36,2	37,0	37,0	37,6
≥ 9000		13,4	19,2	24,1	26,6	27,9	30,9	31,7	32,6	35,0	36,9	37,6	38,1	38,9	38,9	39,5
≥ 8000		15,3	21,4	26,8	29,2	30,6	33,6	34,8	35,8	38,6	40,5	41,2	41,7	42,5	42,5	43,1
≥ 7000		16,9	23,7	29,6	32,1	33,5	37,1	38,0	39,2	42,0	43,9	44,7	45,2	45,9	45,9	46,6
≥ 6000		17,2	24,0	30,0	32,6	33,9	37,6	38,7	39,8	42,8	44,7	45,5	46,0	46,8	46,8	47,4
≥ 5000		17,8	25,1	31,8	34,6	35,9	39,6	40,8	42,0	45,2	47,2	48,1	48,6	49,3	49,3	49,9
≥ 4500		18,7	26,1	33,2	35,9	37,3	41,0	42,1	43,4	46,6	48,6	49,4	49,9	50,7	50,7	51,3
≥ 4000		20,5	29,3	37,5	40,9	42,4	46,5	47,7	49,0	52,5	54,6	55,3	56,1	56,9	56,9	57,5
≥ 3500		22,2	31,3	40,7	44,6	46,2	50,6	51,8	53,1	56,6	58,8	59,7	60,3	61,2	61,2	61,9
≥ 3000		25,4	35,0	45,9	50,3	52,2	57,2	58,7	60,1	63,3	66,0	67,0	67,8	68,7	68,7	69,3
≥ 2500		31,3	42,0	55,0	60,1	62,6	68,7	70,5	72,3	76,5	79,0	80,1	80,9	81,9	81,9	82,5
≥ 2000		33,0	44,2	57,9	63,8	66,3	72,9	75,0	76,9	81,5	84,3	85,5	86,4	87,4	87,4	88,0
≥ 1800		33,6	44,8	58,5	64,7	67,3	74,4	76,7	78,6	83,1	86,0	87,1	88,1	89,0	89,0	89,7
≥ 1500		34,4	46,0	59,7	66,2	69,0	76,3	78,9	80,8	85,6	88,4	89,6	90,5	91,6	91,6	92,2
≥ 1200		34,9	46,9	60,6	67,2	70,5	78,0	81,1	83,0	87,5	90,6	91,8	92,7	93,8	93,8	94,4
≥ 1000		35,1	47,1	60,9	67,5	70,8	78,7	82,2	84,2	89,3	92,3	93,5	94,5	95,6	95,6	96,2
≥ 900		35,1	47,1	60,9	67,5	70,8	78,7	82,2	84,3	89,4	92,4	93,6	94,6	95,7	95,7	96,3
≥ 800		35,1	47,1	60,9	67,5	70,8	78,7	82,2	84,3	89,4	92,5	93,7	94,7	95,8	95,8	96,4
≥ 700		35,1	47,1	60,9	67,5	70,8	78,7	82,4	84,5	89,8	93,3	94,4	95,6	96,8	96,8	97,5
≥ 600		35,1	47,1	60,9	67,8	71,0	78,9	82,6	84,7	90,2	93,7	94,8	96,0	97,3	97,3	97,9
≥ 500		35,1	47,1	60,9	67,8	71,0	78,9	82,6	84,7	90,3	93,8	94,9	96,1	97,4	97,4	98,0
≥ 400		35,1	47,1	60,9	67,8	71,0	78,9	82,7	84,8	90,4	93,9	95,0	96,2	97,6	97,6	98,7
≥ 300		35,1	47,1	60,9	67,8	71,0	78,9	82,7	84,8	90,4	93,9	95,0	96,2	97,6	97,6	98,8
≥ 200		35,1	47,1	60,9	67,8	71,0	78,9	82,7	84,8	90,4	93,9	95,0	96,3	97,8	97,8	99,3
≥ 100		35,1	47,1	60,9	67,8	71,0	78,9	82,7	84,8	90,4	93,9	95,0	96,3	97,8	97,8	99,6
≥ 0		35,1	47,1	60,9	67,8	71,0	78,9	82,7	84,8	90,4	93,9	95,0	96,3	97,8	97,8	100,0

TOTAL NUMBER OF OBSERVATIONS 949

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-72 (YEAR) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		11.5	14.4	17.7	18.9	20.2	22.4	23.9	25.1	26.2	27.3	28.1	28.2	28.5	28.5	28.6
≥ 20000		15.0	18.7	23.1	24.4	26.0	29.0	30.7	32.5	34.5	35.8	36.5	36.9	37.2	37.2	37.3
≥ 18000		15.0	18.7	23.1	24.4	26.0	29.0	30.7	32.5	34.5	35.8	36.5	36.9	37.2	37.2	37.3
≥ 16000		15.0	18.7	23.1	24.4	26.0	29.0	30.7	32.5	34.5	35.8	36.5	36.9	37.2	37.2	37.3
≥ 14000		15.1	18.8	23.2	24.5	26.1	29.1	30.8	32.6	34.6	35.9	36.6	37.0	37.3	37.3	37.4
≥ 12000		15.4	19.2	23.5	24.8	26.4	29.4	31.2	32.9	34.9	36.2	37.0	37.3	37.6	37.6	37.7
≥ 10000		16.7	20.9	25.4	27.1	28.7	31.8	34.0	35.7	38.0	39.6	40.5	41.0	41.3	41.3	41.4
≥ 9000		17.9	22.4	27.2	29.1	30.6	33.9	36.0	37.8	40.1	41.7	42.5	43.1	43.4	43.4	43.5
≥ 8000		19.4	25.1	30.2	32.3	34.3	37.8	40.1	41.9	44.6	46.4	47.2	47.7	48.0	48.0	48.1
≥ 7000		20.7	26.6	31.8	34.0	35.9	39.5	41.9	43.8	46.5	48.2	49.1	49.6	49.9	49.9	50.0
≥ 6000		21.0	26.9	32.1	34.4	36.4	40.4	42.8	44.7	47.4	49.2	50.0	50.5	50.8	50.8	50.9
≥ 5000		22.4	28.4	34.0	36.3	38.5	42.4	44.8	46.8	49.5	51.2	52.1	52.6	52.9	52.9	53.0
≥ 4500		23.6	30.0	35.7	38.2	40.6	44.5	46.9	48.9	51.6	53.3	54.1	54.7	55.0	55.0	55.1
≥ 4000		26.4	32.7	39.3	41.9	44.5	48.6	51.3	53.3	56.2	58.2	59.1	59.6	60.0	60.0	60.1
≥ 3500		28.4	35.2	42.7	45.8	48.6	52.7	55.7	58.1	60.8	62.7	63.7	64.2	64.6	64.6	64.7
≥ 3000		32.2	39.3	47.8	51.0	54.0	58.5	62.0	64.4	67.5	69.5	70.4	70.9	71.3	71.3	71.4
≥ 2500		38.6	46.9	56.8	60.2	63.6	68.3	72.3	75.4	79.0	81.2	82.1	82.6	83.0	83.0	83.1
≥ 2000		40.7	49.1	60.0	64.0	67.3	72.6	76.5	79.6	83.2	85.4	86.3	87.1	87.5	87.5	87.6
≥ 1800		40.8	49.2	60.2	64.6	67.9	73.4	77.4	80.5	84.2	86.3	87.5	88.0	88.4	88.4	88.5
≥ 1500		42.7	51.1	62.5	67.0	70.5	76.5	80.8	84.0	87.8	90.1	91.2	91.9	92.3	92.3	92.4
≥ 1200		43.3	52.1	63.5	68.2	71.8	78.2	82.7	85.8	89.8	92.0	93.2	93.9	94.3	94.3	94.4
≥ 1000		43.9	52.7	64.1	68.8	72.5	78.9	84.0	87.1	91.3	93.7	94.8	95.7	96.1	96.1	96.2
≥ 900		43.9	52.7	64.1	68.8	72.5	78.9	84.0	87.1	91.3	93.8	94.9	95.8	96.2	96.2	96.3
≥ 800		43.9	52.7	64.1	68.8	72.5	78.9	84.0	87.2	91.7	94.2	95.3	96.2	96.6	96.6	96.7
≥ 700		43.9	52.7	64.1	68.8	72.5	79.0	84.1	87.6	92.3	95.3	96.5	97.3	97.7	97.7	97.8
≥ 600		43.9	52.7	64.2	68.9	72.6	79.1	84.2	87.7	92.8	95.8	96.9	97.8	98.2	98.2	98.3
≥ 500		43.9	52.7	64.2	69.0	72.7	79.3	84.4	87.9	93.1	96.1	97.2	98.1	98.6	98.6	98.7
≥ 400		43.9	52.7	64.2	69.0	72.7	79.3	84.4	87.9	93.1	96.1	97.2	98.1	98.6	98.6	99.0
≥ 300		43.9	52.7	64.2	69.0	72.7	79.3	84.4	87.9	93.1	96.1	97.2	98.2	99.0	99.0	99.4
≥ 200		43.9	52.7	64.2	69.0	72.7	79.3	84.4	87.9	93.1	96.1	97.2	98.2	99.0	99.0	99.5
≥ 100		43.9	52.7	64.2	69.0	72.7	79.3	84.4	87.9	93.1	96.1	97.2	98.2	99.0	99.0	99.7
≥ 0		43.9	52.7	64.2	69.0	72.7	79.3	84.4	87.9	93.1	96.1	97.2	98.2	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 966

USAFETAC FORM XX 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/ 'AC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥¼	≥
NO CEILING		12.9	15.5	17.3	18.8	19.7	22.4	23.9	24.8	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 20000		17.2	21.9	24.1	26.5	28.0	31.3	33.0	34.0	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 18000		17.2	21.9	24.1	26.5	28.0	31.3	33.0	34.0	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 16000		17.2	21.9	24.2	26.6	28.1	31.4	33.1	34.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 14000		17.2	21.9	24.2	26.6	28.1	31.4	33.1	34.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 12000		17.3	21.1	24.3	26.7	28.2	31.5	33.2	34.2	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 10000		18.7	22.7	26.0	28.5	30.1	33.4	35.2	36.1	36.5	36.9	36.9	36.9	36.9	36.9	36.9
≥ 9000		20.5	24.7	28.3	30.8	32.4	35.7	37.4	38.4	39.0	39.1	39.1	39.1	39.1	39.1	39.1
≥ 8000		23.3	27.5	31.6	34.1	35.7	39.2	41.0	42.3	43.0	43.1	43.1	43.1	43.1	43.1	43.1
≥ 7000		24.3	28.7	32.8	35.4	37.2	41.1	42.9	44.3	45.1	45.2	45.2	45.2	45.2	45.2	45.2
≥ 6000		24.9	29.2	33.4	36.1	38.0	41.9	43.8	45.2	45.9	46.0	46.0	46.0	46.0	46.0	46.0
≥ 5000		25.9	31.0	35.2	38.0	39.8	43.8	45.7	47.1	48.0	48.1	48.1	48.1	48.1	48.1	48.1
≥ 4500		28.4	33.7	37.9	40.6	42.5	46.5	48.5	49.9	50.8	50.9	50.9	50.9	50.9	50.9	50.9
≥ 4000		31.1	36.6	41.4	44.3	46.1	50.2	52.5	53.9	54.7	55.2	55.2	55.2	55.2	55.2	55.2
≥ 3500		36.0	41.9	47.7	51.2	53.2	57.6	60.1	61.5	62.4	62.8	62.8	62.8	62.8	62.8	62.8
≥ 3000		42.5	48.8	55.9	60.0	62.0	66.5	69.0	70.5	71.4	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2500		50.6	57.7	66.1	70.5	72.9	77.7	80.6	82.5	83.7	84.2	84.4	84.4	84.4	84.4	84.4
≥ 2000		54.3	61.5	71.0	75.6	78.0	83.0	86.0	87.8	89.0	89.7	89.9	89.9	89.9	89.9	89.9
≥ 1800		55.9	63.2	72.8	77.5	79.9	85.2	88.2	90.0	91.2	91.8	92.0	92.0	92.0	92.0	92.0
≥ 1500		58.[illegible]	65.7	75.3	80.0	82.5	88.4	91.4	93.2	94.4	95.1	95.3	95.4	95.4	95.4	95.4
≥ 1200		58.9	66.6	76.6	81.5	84.0	89.9	92.9	94.7	95.9	96.6	96.8	96.9	96.9	96.9	96.9
≥ 1000		59.1	66.8	77.0	81.9	84.6	90.6	93.7	95.6	96.9	97.5	97.7	97.8	97.8	97.8	97.8
≥ 900		59.1	66.8	77.0	81.9	84.6	90.6	93.7	95.6	96.9	97.5	97.7	97.8	97.8	97.8	97.8
≥ 800		59.1	66.8	77.0	81.9	84.6	90.6	93.8	96.1	97.7	98.4	98.6	98.7	98.7	98.7	98.7
≥ 700		59.1	66.8	77.0	81.9	84.6	90.6	93.9	96.5	98.3	99.0	99.2	99.4	99.4	99.4	99.4
≥ 600		59.1	66.8	77.0	81.9	84.6	90.6	93.9	96.5	98.3	99.0	99.2	99.4	99.4	99.4	99.4
≥ 500		59.1	66.8	77.0	81.9	84.6	90.6	93.9	96.5	98.3	99.0	99.4	99.5	99.6	99.6	99.6
≥ 400		59.1	66.8	77.0	81.9	84.6	90.6	93.9	96.5	98.3	99.0	99.5	99.7	99.9	99.9	99.9
≥ 300		59.1	66.8	77.0	81.9	84.6	90.6	93.9	96.5	98.3	99.0	99.5	99.7	100.0	100.0	100.0
≥ 200		59.1	66.8	77.0	81.9	84.6	90.6	93.9	96.5	98.3	99.0	99.5	99.7	100.0	100.0	100.0
≥ 100		59.1	66.8	77.0	81.9	84.6	90.6	93.9	96.5	98.3	99.0	99.5	99.7	100.0	100.0	100.0
≥ 0		59.1	66.8	77.0	81.9	84.6	90.6	93.9	96.5	98.3	99.0	99.5	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 3-3 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GER A.Y AAF (STATION NAME) 69-70 (YEAR) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥⅛	≥0
NO CEILING		21.3	22.2	24.7	25.4	27.0	27.5	27.8	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 20000		26.3	28.7	32.7	34.3	36.1	36.6	36.9	37.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 18000		26.3	28.7	32.7	34.3	36.1	36.6	36.9	37.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 16000		26.3	28.7	32.7	34.3	36.1	36.6	36.9	37.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 14000		26.7	29.1	33.1	34.7	36.5	37.1	37.3	37.8	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 12000		27.0	29.8	33.8	35.4	37.2	37.8	38.0	38.4	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 10000		28.4	31.6	35.7	37.3	39.1	39.9	40.1	40.6	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 9000		29.3	32.8	37.0	38.5	40.3	41.1	41.3	41.8	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 8000		31.6	35.1	39.2	40.9	42.8	43.7	44.0	44.6	45.3	45.4	45.4	45.4	45.4	45.4	45.4
≥ 7000		35.2	38.8	42.9	44.7	47.0	47.9	48.3	48.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8
≥ 6000		35.2	39.3	43.9	45.8	48.1	49.0	49.4	50.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2
≥ 5000		39.2	42.2	46.4	48.9	51.2	52.2	52.7	53.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5
≥ 4500		39.8	43.8	48.2	50.8	53.1	54.2	54.6	55.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4000		43.4	47.9	52.6	55.5	57.9	59.0	59.4	60.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 3500		48.1	52.8	57.9	61.0	63.6	64.7	65.2	66.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3000		54.5	59.7	65.7	69.2	71.9	73.1	73.6	74.3	75.6	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2500		61.1	67.2	74.6	78.5	81.3	82.8	83.4	84.3	86.0	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000		63.9	71.3	78.5	83.1	86.1	87.6	88.2	89.3	90.8	91.1	91.1	91.2	91.2	91.2	91.2
≥ 1800		66.3	71.7	79.9	84.5	87.4	89.0	89.6	90.7	92.1	92.5	92.5	92.6	92.6	92.6	92.6
≥ 1500		67.5	74.5	82.8	87.5	90.4	92.0	93.1	94.3	95.7	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1200		68.3	75.5	83.9	88.7	91.6	93.7	94.4	95.5	97.0	97.4	97.4	97.5	97.6	97.6	97.6
≥ 1000		68.9	76.3	84.7	89.4	92.4	94.6	95.3	96.6	98.3	98.7	98.7	98.8	98.9	98.9	98.9
≥ 900		68.9	76.3	84.7	89.4	92.4	94.6	95.3	96.7	98.3	98.8	98.8	98.9	99.0	99.0	99.0
≥ 800		68.9	76.3	84.7	89.4	92.4	94.6	95.4	97.0	98.8	99.1	99.1	99.2	99.3	99.3	99.3
≥ 700		68.9	76.3	84.7	89.4	92.4	94.6	95.4	97.1	98.8	99.3	99.3	99.4	99.6	99.6	99.6
≥ 600		68.9	76.3	84.7	89.4	92.4	94.6	95.4	97.1	98.8	99.3	99.3	99.4	99.6	99.6	99.6
≥ 500		68.9	76.3	84.7	89.4	92.4	94.6	95.4	97.1	98.8	99.3	99.3	99.7	99.8	99.8	99.8
≥ 400		68.9	76.3	84.7	89.4	92.4	94.6	95.4	97.1	98.8	99.3	99.3	99.7	99.8	99.8	99.8
≥ 300		68.9	76.3	84.7	89.4	92.4	94.6	95.4	97.1	98.8	99.3	99.3	99.7	99.8	99.8	99.8
≥ 200		68.9	76.3	84.7	89.4	92.4	94.6	95.4	97.1	99.0	99.6	99.6	99.9	100.0	100.0	100.0
≥ 100		68.9	76.3	84.7	89.4	92.4	94.6	95.4	97.1	99.0	99.6	99.6	99.9	100.0	100.0	100.0
≥ 0		68.9	76.3	84.7	89.4	92.4	94.6	95.4	97.1	99.0	99.6	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ AC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD BREUZNACH GER (STATION NAME) GY AAF 62-67,69-70 (YRS) MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥½	≥0
NO CEILING		21.9	24.7	25.8	26.2	28.0	28.7	29.0	29.4	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 20000		28.0	31.5	34.1	36.6	38.4	39.1	39.8	40.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 18000		28.0	31.5	34.1	36.6	38.4	39.1	39.8	40.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 16000		28.0	31.5	34.1	36.6	38.4	39.1	39.8	40.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 14000		29.3	31.9	34.4	36.9	38.7	39.4	40.1	40.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 12000		29.4	33.0	35.5	38.0	39.8	40.5	41.2	41.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 10000		30.1	34.1	36.6	39.1	40.9	41.6	42.3	42.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 9000		30.5	34.4	36.9	39.4	41.2	41.9	42.7	43.0	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 8000		34.1	38.4	40.9	43.4	45.2	45.9	46.6	47.3	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 7000		36.9	41.6	44.4	47.3	49.8	50.9	51.6	52.3	54.1	54.8	54.8	54.8	55.2	55.2	55.2
≥ 6000		37.0	43.0	46.2	49.1	51.6	52.7	53.4	54.1	56.3	57.0	57.0	57.0	57.3	57.3	57.3
≥ 5000		40.5	46.6	49.8	52.7	55.2	56.3	57.3	58.1	60.6	61.3	61.3	61.3	61.6	61.6	61.6
≥ 4500		41.2	47.3	50.5	53.4	55.9	57.0	58.1	58.8	61.3	62.0	62.0	62.0	62.4	62.4	62.4
≥ 4000		44.6	51.3	54.5	57.7	60.6	61.6	63.1	63.8	66.3	67.0	67.0	67.0	67.4	67.4	67.4
≥ 3500		49.5	56.6	60.2	64.5	67.4	68.5	69.9	71.0	73.5	74.2	74.2	74.2	74.6	74.6	74.6
≥ 3000		54.1	62.0	65.9	70.6	74.2	75.3	77.1	78.1	81.4	82.1	82.1	82.1	82.4	82.4	82.4
≥ 2500		59.5	67.7	72.8	77.4	81.0	82.1	83.9	84.9	88.5	89.2	89.2	89.2	89.6	89.6	89.6
≥ 2000		63.2	68.9	74.6	79.9	83.5	84.6	86.4	87.5	91.8	92.5	92.5	92.5	92.8	92.8	92.8
≥ 1800		66.6	69.2	74.9	80.5	83.9	84.9	86.7	87.8	92.1	92.8	92.8	92.8	93.2	93.2	93.2
≥ 1500		68.0	70.6	76.7	82.4	86.0	88.2	90.0	91.0	95.3	96.1	96.1	96.1	96.4	96.4	96.4
≥ 1200		68.0	70.6	77.1	82.8	86.4	88.9	90.7	91.8	96.1	96.8	96.8	96.8	97.1	97.1	97.1
≥ 1000		68.1	71.7	78.1	83.9	87.5	90.0	92.1	93.2	97.5	98.2	98.2	98.2	98.6	98.6	98.6
≥ 900		68.1	71.7	78.1	83.9	87.5	90.0	92.1	93.2	97.5	98.2	98.2	98.2	98.6	98.6	98.6
≥ 800		68.1	71.7	78.1	83.9	87.5	90.0	92.1	93.2	97.5	98.2	98.2	98.2	98.6	98.6	98.6
≥ 700		68.1	71.7	78.1	83.9	87.5	90.0	92.1	93.2	97.5	98.6	98.6	98.6	98.9	98.9	98.9
≥ 600		68.1	71.7	78.1	83.9	87.5	90.0	92.1	93.2	97.8	98.9	98.9	98.9	99.3	99.3	99.3
≥ 500		68.1	71.7	78.1	83.9	87.5	90.0	92.1	93.2	97.8	98.9	98.9	98.9	99.3	99.3	99.3
≥ 400		68.1	71.7	78.1	83.9	87.5	90.0	92.1	93.2	97.8	98.9	98.9	98.9	99.3	99.3	99.3
≥ 300		68.1	71.7	78.1	83.9	87.5	90.0	92.1	93.2	97.8	98.9	98.9	98.9	99.6	99.6	99.6
≥ 200		68.1	71.7	78.1	83.9	87.5	90.0	92.1	93.2	98.2	99.3	99.3	99.3	100.0	100.0	100.0
≥ 100		68.1	71.7	78.1	83.9	87.5	90.0	92.1	93.2	98.2	99.3	99.3	99.3	100.0	100.0	100.0
≥ 0		68.1	71.7	78.1	83.9	87.5	90.0	92.1	93.2	98.2	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 279

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI[illegible]
USAF ETAC
AIR WEATHER SERVICE/[illegible]AC

CEILING VERSUS VISIBILITY

34070 STATION BAD KREUZNACH [illegible] AAF 60-65 APR

PERCENTAC[illegible] FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0300-0500

CEILING FEET	VISIBILITY STATUTE MILE															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥	≥¾	≥½	≥5/16	≥¼	[illegible]
NO CEILING		15.4	21.5	22.3	23.1	23.8	27.7	29.2	29.2	29.2	29.2	29.2	30.0	30.0	30.0	30.0
≥ 20000		16.9	23.3	25.4	26.2	26.9	31.5	33.1	33.1	33.1	33.1	33.8	34.6	35.4	35.4	35.4
≥ 18000		16.9	23.8	25.4	26.2	26.9	31.5	33.1	33.1	33.1	33.1	33.8	34.6	35.4	35.4	35.4
≥ 16000		16.9	23.8	25.4	26.2	26.9	31.5	33.1	33.1	33.1	33.1	33.8	34.6	35.4	35.4	35.4
≥ 14000		16.9	23.8	26.2	26.9	27.7	32.3	33.8	33.8	33.8	33.8	34.6	35.4	36.2	36.2	36.2
≥ 12000		17.7	24.6	26.9	27.7	28.5	33.8	35.4	35.4	35.4	35.4	36.2	36.9	37.7	37.7	37.7
≥ 10000		18.5	25.4	29.2	30.0	31.5	36.9	38.5	38.5	38.5	39.2	40.0	40.8	41.5	41.5	41.5
≥ 9000		21.5	29.2	33.1	34.6	36.2	41.5	43.1	43.1	43.1	43.8	44.6	45.4	46.2	46.2	46.2
≥ 8000		23.1	32.3	35.4	36.9	39.2	45.4	46.9	46.9	46.9	47.7	49.2	50.0	50.8	50.8	50.8
≥ 7000		25.4	34.6	40.0	41.5	44.6	50.8	52.3	52.3	53.1	53.8	55.4	56.2	56.9	56.9	56.9
≥ 6000		25.4	34.6	40.0	41.5	44.6	50.8	52.3	52.3	53.1	53.8	55.4	56.2	56.9	56.9	56.9
≥ 5000		29.2	39.2	45.4	47.7	50.8	57.7	60.0	60.0	60.8	61.5	63.1	63.8	64.6	64.6	64.6
≥ 4500		31.5	41.5	47.7	50.0	53.1	60.0	62.3	62.3	63.1	63.8	65.4	66.2	66.9	66.9	66.9
≥ 4000		33.8	45.4	51.5	55.4	58.5	65.4	67.7	67.7	68.5	69.2	70.8	71.5	72.3	72.3	72.3
≥ 3500		36.9	46.5	54.6	58.5	62.3	69.2	71.5	71.5	72.3	73.1	74.6	75.4	76.2	76.2	76.2
≥ 3000		39.2	51.5	58.5	62.3	66.9	75.4	77.7	77.7	78.5	79.2	80.8	81.5	82.3	82.3	82.3
≥ 2500		40.0	55.4	65.4	70.8	75.4	84.6	86.9	87.7	88.5	89.2	90.8	91.5	92.3	92.3	92.3
≥ 2000		40.0	56.9	66.9	72.3	76.9	86.9	89.2	90.0	90.8	91.5	93.1	93.8	94.6	94.6	94.6
≥ 1800		40.0	56.9	66.9	72.3	76.9	86.9	89.2	90.0	90.8	91.5	93.1	93.8	94.6	94.6	94.6
≥ 1500		40.8	57.7	67.7	73.1	77.7	87.7	90.0	90.8	92.3	93.1	94.6	95.4	96.2	96.2	96
≥ 1200		40.8	57.7	67.7	73.1	77.7	88.5	91.5	92.3	93.8	94.6	96.2	96.9	97.7	97.7	97
≥ 1000		40.8	57.7	67.7	73.1	77.7	88.5	91.5	92.3	93.8	94.6	96.2	96.9	97.7	97.7	[illegible]
≥ 900		40.8	57.7	67.7	73.1	77.7	88.5	91.5	92.3	93.8	94.6	96.2	96.9	97.7	97.7	[illegible]
≥ 800		40.8	57.7	67.7	73.1	77.7	88.5	91.5	92.3	93.8	94.6	96.2	96.9	97.7	97.7	[illegible]
≥ 700		40.8	57.7	67.7	73.1	77.7	88.5	91.5	92.3	93.8	94.6	96.2	96.9	97.7	97.7	97.7
≥ 600		40.8	57.7	67.7	73.1	77.7	88.5	91.5	92.3	93.8	94.6	96.2	96.9	97.7	97.7	97.7
≥ 500		40.8	57.7	67.7	73.1	77.7	88.5	91.5	92.3	93.8	94.6	96.2	96.9	97.7	97.7	97.7
≥ 400		40.8	57.7	67.7	73.1	77.7	88.5	91.5	92.3	93.8	94.6	96.2	96.9	97.7	97.7	97.7
≥ 300		40.8	57.7	67.7	73.1	77.7	88.5	91.5	92.3	93.8	94.6	96.2	96.9	97.7	97.7	97.7
≥ 200		40.8	57.7	67.7	73.1	77.7	88.5	91.5	92.3	93.8	94.6	96.2	96.9	97.7	97.7	97.7
≥ 100		40.8	57.7	67.7	73.1	77.7	88.5	91.5	92.3	93.8	94.6	96.2	96.9	97.7	97.7	98.5
≥ 0		40.8	57.7	67.7	73.1	77.7	88.5	91.5	92.3	93.8	94.6	96.2	96.9	97.7	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 130

USAFETAC FC 3M JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/ AC

CEILING VERSUS VISIBILITY

34070 STATION — BAD KREUZNACH GERMANY AAF STATION NAME — 60-72 YEARS — APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥⅛	≥0
NO CEILING		19.4	22.8	25.4	27.2	27.8	29.6	30.1	30.4	30.9	31.0	31.0	31.2	31.4	31.4	31.4
≥ 20000		23.7	27.8	31.0	33.5	35.0	37.5	38.1	38.6	39.2	39.3	39.3	39.5	39.8	39.8	39.8
≥ 18000		23.7	27.8	31.0	33.5	35.0	37.5	38.1	38.6	39.2	39.3	39.3	39.5	39.8	39.8	39.8
≥ 16000		23.7	27.8	31.0	33.5	35.0	37.5	38.1	38.6	39.2	39.3	39.3	39.5	39.8	39.8	39.8
≥ 14000		23.7	27.8	31.1	33.6	35.1	37.6	38.2	38.8	39.3	39.4	39.4	39.6	39.9	39.9	39.9
≥ 12000		23.8	27.9	31.2	33.7	35.2	37.7	38.3	38.9	39.4	39.5	39.5	39.7	40.0	40.0	40.0
≥ 10000		24.9	29.2	32.8	35.7	37.4	39.9	40.6	41.1	41.7	41.8	41.8	42.0	42.6	42.6	42.6
≥ 9000		26.8	31.3	35.3	38.3	40.0	42.6	43.4	44.0	44.6	44.7	44.7	45.0	45.6	45.6	45.6
≥ 8000		31.6	37.8	43.1	46.3	48.7	51.7	52.5	53.2	53.8	53.9	54.0	54.5	55.1	55.1	55.1
≥ 7000		33.6	40.0	45.9	49.2	51.6	55.3	56.5	57.3	57.9	58.0	58.1	58.6	59.2	59.2	59.2
≥ 6000		34.2	41.0	47.5	50.9	53.3	57.1	58.2	59.0	59.6	59.7	59.8	60.3	60.9	60.9	60.9
≥ 5000		36.0	43.2	50.8	54.9	57.5	61.7	62.9	63.7	64.4	64.5	64.6	65.0	65.8	65.8	65.9
≥ 4500		36.9	44.2	52.1	56.4	59.0	63.3	64.5	65.3	66.0	66.1	66.2	66.6	67.4	67.4	67.5
≥ 4000		39.4	46.9	55.9	60.9	63.8	68.4	69.6	70.5	71.2	71.3	71.4	71.8	72.6	72.6	72.7
≥ 3500		42.5	50.3	60.1	65.4	68.5	73.5	74.8	75.7	76.3	76.4	76.5	77.0	77.7	77.7	77.8
≥ 3000		46.4	55.1	65.4	71.0	74.5	79.9	81.4	82.5	83.1	83.2	83.3	83.7	84.5	84.5	84.7
≥ 2500		49.9	59.1	70.4	76.4	80.5	86.1	87.8	88.9	89.6	89.7	89.8	90.2	91.0	91.0	91.2
≥ 2000		51.0	60.4	71.9	78.3	82.3	88.4	90.3	91.4	92.0	92.1	92.2	92.7	93.4	93.4	93.6
≥ 1800		51.8	61.1	72.9	79.3	83.4	89.5	91.4	92.5	93.1	93.2	93.3	93.8	94.5	94.5	94.7
≥ 1500		52.1	61.6	73.3	80.2	84.5	90.9	92.8	93.9	94.6	94.7	94.8	95.3	96.0	96.0	96.2
≥ 1200		52.5	62.0	73.8	80.7	85.0	91.8	93.8	94.9	95.7	95.8	95.9	96.3	97.1	97.1	97.3
≥ 1000		52.6	62.1	74.0	80.8	85.1	92.0	94.1	95.4	96.1	96.3	96.4	97.1	97.8	97.8	98.1
≥ 900		52.6	62.1	74.0	80.8	85.1	92.1	94.2	95.5	96.2	96.4	96.6	97.2	98.0	98.0	98.2
≥ 800		52.6	62.1	74.0	80.8	85.1	92.1	94.2	95.5	96.2	96.6	96.7	97.3	98.1	98.1	98.3
≥ 700		52.6	62.1	74.0	80.8	85.1	92.1	94.2	95.5	96.2	96.6	96.8	97.4	98.2	98.2	98.4
≥ 600		52.6	62.1	74.0	80.8	85.1	92.1	94.2	95.5	96.2	96.6	96.8	97.5	98.3	98.3	98.7
≥ 500		52.6	62.1	74.0	80.8	85.1	92.1	94.2	95.5	96.2	96.6	96.8	97.5	98.3	98.3	98.7
≥ 400		52.6	62.1	74.0	80.8	85.1	92.1	94.2	95.5	96.2	96.6	96.8	97.5	98.3	98.3	98.8
≥ 300		52.6	62.1	74.0	80.8	85.1	92.1	94.2	95.5	96.2	96.6	96.8	97.5	98.4	98.4	99.0
≥ 200		52.6	62.1	74.0	80.8	85.1	92.1	94.2	95.5	96.2	96.6	96.8	97.5	98.7	98.7	99.4
≥ 100		52.6	62.1	74.0	80.8	85.1	92.1	94.2	95.5	96.2	96.6	96.8	97.5	98.7	98.7	99.9
≥ 0		52.6	62.1	74.0	80.8	85.1	92.1	94.2	95.5	96.2	96.6	96.8	97.5	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/ MAC

CEILING VERSUS VISIBILITY

36070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-72 (YEARS) APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		19.2	21.6	25.9	27.2	28.6	30.0	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 20000		25.1	28.8	34.2	35.8	37.6	39.4	40.0	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 18000		25.1	28.8	34.2	35.8	37.6	39.4	40.0	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 16000		25.1	28.8	34.2	35.8	37.6	39.4	40.0	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 14000		25.1	28.8	34.2	35.8	37.6	39.4	40.0	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 12000		25.8	29.5	34.9	36.5	38.4	40.2	40.7	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 10000		26.9	31.9	36.5	38.1	40.0	42.1	42.6	42.7	42.8	42.9	42.9	42.9	42.9	42.9	42.9
≥ 9000		28.2	32.5	38.3	39.9	41.9	44.1	44.6	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9
≥ 8000		32.3	37.2	43.8	45.7	47.8	50.2	50.8	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1
≥ 7000		34.7	39.7	46.7	48.6	51.0	53.8	54.8	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1
≥ 6000		35.5	40.7	47.6	49.5	52.2	55.0	55.9	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3
≥ 5000		35.2	43.6	51.2	53.5	56.4	59.3	60.3	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6
≥ 4500		39.2	44.7	52.6	55.0	57.8	60.9	61.8	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1
≥ 4000		42.5	48.6	57.1	59.7	62.6	66.2	67.2	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6
≥ 3500		45.5	51.9	61.0	63.7	66.7	70.6	71.7	71.8	72.1	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000		52.6	60.3	70.0	72.9	76.1	80.1	81.4	81.6	82.1	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500		58.1	66.9	77.8	80.9	84.2	88.5	90.0	90.2	91.0	91.4	91.5	91.6	91.6	91.6	91.6
≥ 2000		59.6	68.8	79.8	83.0	86.4	91.0	92.5	92.7	93.6	94.0	94.1	94.2	94.4	94.4	94.4
≥ 1800		59.9	69.3	80.5	83.9	87.4	91.9	93.5	93.7	94.5	95.0	95.1	95.2	95.4	95.4	95.4
≥ 1500		61.0	70.3	81.8	85.2	88.6	93.2	94.7	95.0	95.8	96.2	96.3	96.4	96.7	96.7	96.7
≥ 1200		61.8	71.3	82.8	86.1	89.7	94.5	96.1	96.3	97.2	97.6	97.7	97.8	98.1	98.1	98.1
≥ 1000		61.9	71.5	83.1	86.6	90.3	95.2	96.7	97.2	98.0	98.4	98.5	98.6	98.9	98.9	98.9
≥ 900		61.9	71.5	83.2	86.8	90.4	95.3	97.0	97.4	98.2	98.6	98.7	98.8	99.2	99.2	99.2
≥ 800		62.1	71.8	83.5	87.1	90.7	95.6	97.4	97.8	98.6	99.1	99.2	99.3	99.6	99.6	99.6
≥ 700		62.1	71.8	83.5	87.1	90.7	95.6	97.4	97.8	98.6	99.1	99.2	99.3	99.6	99.6	99.6
≥ 600		62.1	71.8	83.5	87.1	90.7	95.6	97.4	97.8	98.6	99.1	99.2	99.3	99.6	99.6	99.6
≥ 500		62.1	71.8	83.5	87.1	90.7	95.8	97.6	98.0	98.8	99.3	99.4	99.5	99.8	99.8	99.8
≥ 400		62.1	71.8	83.5	87.1	90.7	95.8	97.6	98.0	98.8	99.3	99.4	99.5	99.8	99.8	99.8
≥ 300		62.1	71.8	83.5	87.1	90.7	95.8	97.6	98.0	98.8	99.3	99.4	99.6	99.9	99.9	99.9
≥ 200		62.1	71.8	83.5	87.1	90.7	95.8	97.6	98.0	98.8	99.3	99.4	99.6	99.9	99.9	99.9
≥ 100		62.1	71.8	83.5	87.1	90.7	95.8	97.6	98.0	98.8	99.3	99.4	99.6	99.9	99.9	100.0
≥ 0		62.1	71.8	83.5	87.1	90.7	95.8	97.6	98.0	98.8	99.3	99.4	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 951

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		20.0	21.3	23.1	23.7	23.9	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 20000		27.2	29.0	32.6	33.2	33.4	34.0	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 18000		27.2	29.0	32.6	33.2	33.4	34.0	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
> 16000		27.2	29.0	32.6	33.2	33.4	34.0	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 14000		27.2	29.0	32.6	33.2	33.4	34.0	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 12000		27.8	29.7	33.2	33.9	34.1	34.6	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 10000		29.7	31.6	35.3	36.0	36.3	36.8	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 9000		31.8	33.8	37.6	38.4	38.6	39.3	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 8000		36.1	38.4	42.3	43.5	43.7	44.5	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 7000		38.1	40.4	44.7	45.7	45.9	46.6	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 6000		39.4	41.7	46.1	47.1	47.3	48.1	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 5000		40.6	43.0	47.6	48.7	48.9	49.8	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 4500		42.4	44.9	49.9	51.0	51.2	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 4000		46.9	49.6	55.3	56.5	56.7	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 3500		51.8	55.5	61.9	63.2	63.5	64.4	64.9	64.9	65.0	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3000		63.9	68.0	74.6	75.9	76.5	77.5	78.0	78.0	78.1	78.4	78.4	78.6	78.4	78.4	78.4
≥ 2500		74.1	79.1	86.1	87.4	88.1	89.1	89.7	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000		76.9	82.1	90.0	91.6	92.2	93.4	94.0	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800		78.0	83.2	91.1	92.7	93.4	94.6	95.2	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500		79.5	85.2	93.3	95.0	95.7	97.2	97.8	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200		80.1	85.9	94.0	95.8	96.4	98.2	98.8	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		80.4	86.3	94.4	96.1	96.8	98.5	99.1	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		80.4	86.3	94.4	96.1	96.8	98.5	99.1	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		80.5	86.4	94.5	96.2	96.9	98.6	99.2	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700		80.5	86.4	94.5	96.2	97.0	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		80.5	86.4	94.5	96.2	97.0	98.7	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		80.5	86.4	94.5	96.2	97.0	98.8	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		80.5	86.4	94.5	96.2	97.0	98.8	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		80.5	86.4	94.5	96.2	97.0	98.8	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		80.5	86.4	94.5	96.2	97.0	98.8	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		80.5	86.4	94.5	96.2	97.0	98.8	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		80.5	86.4	94.5	96.2	97.0	98.8	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH (STATION NAME) FORMERLY AAF 60-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		24.5	25.1	25.7	26.0	26.0	26.0	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 20000		34.5	35.8	37.3	37.6	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 18000		34.5	35.8	37.3	37.6	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 16000		34.6	35.9	37.4	37.7	37.8	37.8	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 14000		34.6	35.9	37.4	37.7	37.8	37.8	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 12000		35.0	36.4	37.8	38.2	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 10000		37.5	39.0	40.4	40.8	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 9000		38.5	40.1	41.9	42.2	42.3	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 8000		42.2	43.9	45.9	46.3	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 7000		45.3	47.3	49.4	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 6000		46.8	49.1	51.4	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 5000		49.1	51.7	53.9	54.4	54.5	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 4500		51.2	53.9	56.2	56.6	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 4000		57.1	60.1	62.5	63.1	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 3500		63.6	67.6	70.6	71.2	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3000		73.8	78.3	81.9	82.5	82.7	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500		81.9	87.0	90.9	91.7	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000		83.8	89.3	93.4	94.1	94.3	94.8	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800		84.8	90.3	94.4	95.2	95.3	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500		86.5	92.5	96.5	97.5	97.6	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200		86.5	92.5	96.5	97.5	97.6	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000		87.3	93.2	97.3	98.3	98.4	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		87.3	93.2	97.3	98.3	98.4	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		87.3	93.2	97.3	98.3	98.4	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		87.3	93.2	97.3	98.3	98.4	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		87.3	93.2	97.3	98.3	98.4	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		87.3	93.2	97.3	98.3	98.4	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		87.3	93.2	97.3	98.3	98.4	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		87.3	93.2	97.3	98.3	98.4	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		87.3	93.2	97.3	98.3	98.4	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		87.3	93.2	97.3	98.3	98.4	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		87.3	93.2	97.3	98.3	98.4	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 888

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		29.6	30.8	32.0	32.2	32.5	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 20000		39.3	41.4	43.2	43.8	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 18000		39.3	41.4	43.2	43.8	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 16000		39.3	41.4	43.2	43.8	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 14000		39.6	41.7	43.5	44.1	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 12000		39.6	41.7	43.5	44.1	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 10000		42.9	45.3	47.0	47.6	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 9000		44.4	46.7	48.8	49.4	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 8000		47.3	49.7	52.4	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 7000		49.1	51.5	54.1	55.0	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 6000		52.1	54.4	57.1	58.0	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 5000		54.1	56.3	59.2	60.1	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4500		55.6	58.3	60.9	61.8	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 4000		61.2	64.2	67.2	68.2	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 3500		69.5	72.5	76.0	77.5	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000		76.3	79.3	83.1	84.6	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500		81.7	85.2	89.1	90.8	92.6	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000		84.0	87.6	91.4	93.5	95.9	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800		84.3	87.9	91.7	93.8	96.2	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500		85.8	89.3	93.2	95.3	97.6	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200		86.7	90.2	94.1	96.2	98.5	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		87.0	90.5	94.4	96.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		87.0	90.5	94.4	96.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		87.0	90.5	94.4	96.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		87.0	90.5	94.4	96.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		87.0	90.5	94.4	96.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		87.0	90.5	94.4	96.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		87.0	90.5	94.4	96.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		87.0	90.5	94.4	96.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		87.0	90.5	94.4	96.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		87.0	90.5	94.4	96.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		87.0	90.5	94.4	96.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 338

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60 (YEAR) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		63.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000		73.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 18000		73.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000		73.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000		73.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 12000		73.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 10000		84.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 9000		84.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000		84.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 7000		84.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 6000		84.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5000		84.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500		84.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000		84.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500		84.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		84.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 19

USAFETAC FORM XX 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-64,66 (YEARS) MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		24,2	31,3	37,5	39,1	39,1	40,6	41,4	41,4	41,4	42,2	43,0	44,5	44,5	44,5	44,5
≥ 20000		28,1	36,7	44,5	46,9	46,9	49,2	50,0	50,0	50,0	50,8	51,6	53,1	53,1	53,1	53,1
≥ 18000		28,1	36,7	44,5	46,9	46,9	49,2	50,0	50,0	50,0	50,8	51,6	53,1	53,1	53,1	53,1
≥ 16000		28,1	36,7	44,5	46,9	46,9	49,2	50,0	50,0	50,0	50,8	51,6	53,1	53,1	53,1	53,1
≥ 14000		28,1	37,5	45,3	47,7	47,7	50,0	50,8	50,8	50,8	51,6	52,3	53,9	53,9	53,9	53,9
≥ 12000		28,1	37,5	45,3	47,7	47,7	50,0	50,8	50,8	50,8	51,6	52,3	53,9	53,9	53,9	53,9
≥ 10000		28,9	39,1	47,7	50,0	50,0	52,3	53,1	53,1	53,1	53,9	54,7	56,3	56,3	56,3	56,3
≥ 9000		29,7	39,8	49,2	51,6	51,6	54,7	55,5	55,5	55,5	56,3	57,0	58,6	58,6	58,6	58,6
≥ 8000		33,6	43,8	53,9	57,8	57,8	60,9	61,7	61,7	61,7	62,5	63,3	64,8	64,8	64,8	64,8
≥ 7000		35,9	46,1	57,0	62,5	62,5	65,6	66,4	66,4	66,4	67,2	68,0	69,5	69,5	69,5	69,5
≥ 6000		35,9	46,9	58,6	64,1	64,1	67,2	68,0	68,0	68,0	68,8	69,5	71,1	71,1	71,1	71,1
≥ 5000		37,5	50,8	62,5	68,0	68,0	71,1	71,9	71,9	71,9	72,7	73,4	75,0	75,0	75,0	75,0
≥ 4500		38,3	51,6	63,3	68,8	68,8	71,9	72,7	72,7	72,7	73,4	74,2	75,8	75,8	75,8	75,8
≥ 4000		39,8	55,5	69,5	75,0	75,8	78,9	79,7	79,7	80,5	81,3	82,0	83,6	83,6	83,6	83,6
≥ 3500		42,2	57,8	71,9	78,1	78,9	82,0	82,8	82,8	83,6	84,4	85,2	86,7	86,7	86,7	86,7
≥ 3000		46,1	61,7	75,8	82,0	82,8	85,9	86,7	86,7	87,5	88,3	89,1	90,6	90,6	90,6	90,6
≥ 2500		49,2	65,6	80,5	86,7	87,5	90,6	93,0	93,0	93,8	94,5	95,3	96,9	96,9	96,9	96,9
≥ 2000		49,2	65,6	81,3	87,5	88,3	91,4	93,8	93,8	94,5	95,3	96,1	97,7	97,7	97,7	97,7
≥ 1800		50,0	66,4	82,0	88,3	89,1	92,2	94,5	94,5	95,3	96,1	96,9	98,4	98,4	98,4	98,4
≥ 1500		50,8	67,2	82,8	89,1	89,8	93,0	95,3	95,3	96,1	96,9	97,7	99,2	99,2	99,2	99,2
≥ 1200		50,8	67,2	82,8	89,1	89,8	93,0	95,3	95,3	96,1	96,9	97,7	99,2	99,2	99,2	99,2
≥ 1000		50,8	67,2	82,8	89,1	89,8	93,0	95,3	95,3	96,1	96,9	97,7	99,2	99,2	99,2	99,2
≥ 900		50,8	67,2	82,8	89,1	89,8	93,0	95,3	95,3	96,1	96,9	97,7	99,2	99,2	99,2	99,2
≥ 800		50,8	67,2	82,8	89,1	89,8	93,0	95,3	95,3	96,1	96,9	97,7	99,2	99,2	99,2	99,2
≥ 700		50,8	67,2	82,8	89,1	89,8	93,0	95,3	95,3	96,1	96,9	97,7	99,2	99,2	99,2	99,2
≥ 600		50,8	67,2	82,8	89,1	89,8	93,0	95,3	95,3	96,1	96,9	97,7	99,2	99,2	99,2	99,2
≥ 500		50,8	67,2	82,8	89,1	89,8	93,0	95,3	95,3	96,1	96,9	97,7	99,2	99,2	99,2	99,2
≥ 400		50,8	67,2	82,8	89,1	89,8	93,0	95,3	95,3	96,1	96,9	97,7	99,2	99,2	99,2	100,0
≥ 300		50,8	67,2	82,8	89,1	89,8	93,0	95,3	95,3	96,1	96,9	97,7	99,2	99,2	99,2	100,0
≥ 200		50,8	67,2	82,8	89,1	89,8	93,0	95,3	95,3	96,1	96,9	97,7	99,2	99,2	99,2	100,0
≥ 100		50,8	67,2	82,8	89,1	89,8	93,0	95,3	95,3	96,1	96,9	97,7	99,2	99,2	99,2	100,0
≥ 0		50,8	67,2	82,8	89,1	89,8	93,0	95,3	95,3	96,1	96,9	97,7	99,2	99,2	99,2	100,0

TOTAL NUMBER OF OBSERVATIONS 128

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		21.6	26.0	29.7	31.8	32.4	34.3	34.9	34.9	35.1	35.2	35.2	35.3	35.6	35.6	35.8
≥ 20000		27.2	32.6	37.4	39.5	40.3	43.0	43.6	43.8	44.2	44.4	44.4	44.7	45.0	45.0	45.2
≥ 18000		27.2	32.6	37.4	39.5	40.3	43.0	43.6	43.8	44.2	44.4	44.4	44.7	45.0	45.0	45.2
≥ 16000		27.2	32.6	37.4	39.5	40.3	43.0	43.6	43.8	44.2	44.4	44.4	44.7	45.0	45.0	45.2
≥ 14000		27.3	32.7	37.5	39.6	40.5	43.3	44.0	44.1	44.5	44.7	44.7	45.0	45.3	45.3	45.6
≥ 12000		27.6	33.3	38.0	40.1	41.0	43.9	44.5	44.6	45.0	45.2	45.2	45.6	45.9	45.9	46.1
≥ 10000		29.4	35.7	40.5	42.6	43.5	46.4	47.0	47.1	47.7	47.9	47.9	48.2	48.5	48.5	48.7
≥ 9000		31.7	38.2	43.2	45.3	46.3	49.3	49.9	50.1	50.6	50.8	50.8	51.2	51.5	51.5	51.7
≥ 8000		37.5	45.6	51.5	53.7	55.0	58.4	59.1	59.5	60.2	60.4	60.4	60.7	61.0	61.0	61.2
≥ 7000		41.9	51.1	59.2	61.5	63.0	66.7	67.6	68.0	68.8	69.0	69.0	69.3	69.6	69.6	69.8
≥ 6000		43.5	53.0	61.3	63.7	65.1	68.9	69.7	70.1	70.9	71.1	71.1	71.4	71.7	71.7	71.9
≥ 5000		47.2	57.3	65.8	68.2	69.7	73.4	74.3	74.7	75.4	75.6	75.6	76.0	76.3	76.3	76.5
≥ 4500		48.2	58.6	67.1	69.6	71.3	75.0	76.0	76.4	77.1	77.3	77.3	77.6	78.0	78.0	78.2
≥ 4000		50.2	61.1	70.2	73.0	74.8	79.0	80.1	80.5	81.3	81.5	81.5	81.8	82.1	82.1	82.3
≥ 3500		52.4	63.3	72.9	76.0	77.9	82.2	83.4	83.8	84.5	84.7	84.7	85.1	85.4	85.4	85.6
≥ 3000		54.6	65.6	75.4	78.9	80.8	85.3	86.4	86.9	87.6	87.8	87.8	88.1	88.5	88.5	88.7
≥ 2500		58.3	69.7	79.7	83.2	85.2	89.7	90.9	91.5	92.6	92.8	92.8	93.1	93.4	93.4	93.6
≥ 2000		59.2	70.7	81.0	84.6	86.7	91.6	92.7	93.4	94.7	94.9	94.9	95.2	95.6	95.6	95.8
≥ 1800		59.6	71.1	81.5	85.1	87.1	91.8	93.1	93.9	95.1	95.3	95.3	95.7	96.0	96.0	96.2
≥ 1500		60.4	71.9	82.4	86.0	88.0	92.8	94.1	95.0	96.6	96.8	96.8	97.1	97.5	97.5	97.7
≥ 1200		60.9	72.5	82.9	86.5	88.6	93.3	94.8	95.8	97.6	97.9	97.9	98.2	98.5	98.5	98.7
≥ 1000		61.2	72.8	83.5	87.1	89.1	93.9	95.3	96.3	98.2	98.5	98.5	98.8	99.2	99.2	99.4
≥ 900		61.2	72.8	83.5	87.1	89.1	93.9	95.3	96.3	98.2	98.5	98.5	98.8	99.2	99.2	99.4
≥ 800		61.2	72.8	83.6	87.2	89.2	94.0	95.4	96.4	98.3	98.6	98.6	98.9	99.3	99.3	99.5
≥ 700		61.2	72.8	83.6	87.2	89.2	94.0	95.4	96.4	98.3	98.6	98.6	98.9	99.3	99.3	99.5
≥ 600		61.2	72.8	83.6	87.2	89.2	94.0	95.4	96.4	98.3	98.6	98.6	98.9	99.4	99.4	99.6
≥ 500		61.2	72.8	83.6	87.2	89.2	94.0	95.4	96.4	98.3	98.6	98.8	99.2	99.6	99.6	99.8
≥ 400		61.2	72.8	83.6	87.2	89.2	94.0	95.4	96.4	98.3	98.6	98.8	99.2	99.6	99.6	99.8
≥ 300		61.2	72.8	83.6	87.2	89.2	94.0	95.4	96.4	98.3	98.6	98.8	99.2	99.6	99.6	99.8
≥ 200		61.2	72.8	83.6	87.2	89.2	94.0	95.4	96.4	98.3	98.6	98.8	99.2	99.6	99.6	100.0
≥ 100		61.2	72.8	83.6	87.2	89.2	94.0	95.4	96.4	98.3	98.6	98.8	99.2	99.6	99.6	100.0
≥ 0		61.2	72.8	83.6	87.2	89.2	94.0	95.4	96.4	98.3	98.6	98.8	99.2	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 944

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING		23.0	25.8	27.2	28.6	29.6	30.0	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 20000		33.4	37.2	39.0	40.8	41.7	42.3	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 18000		33.4	37.2	39.0	40.8	41.7	42.3	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 16000		33.4	37.2	39.0	40.8	41.7	42.3	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 14000		33.4	37.2	39.0	40.8	41.7	42.3	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 12000		33.8	37.7	39.5	41.3	42.2	42.8	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 10000		35.9	40.2	42.7	44.6	45.6	46.3	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 9000		38.0	42.4	44.9	46.9	47.9	48.6	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 8000		43.5	48.5	51.7	53.9	54.9	55.7	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 7000		47.3	52.4	57.1	59.4	60.6	61.4	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 6000		48.7	53.9	58.5	60.9	62.2	63.0	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 5000		51.5	57.1	61.7	64.1	65.3	66.2	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500		52.5	58.4	63.0	65.4	66.9	67.8	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4000		54.6	61.2	66.2	68.7	70.1	71.1	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3500		60.2	66.9	72.1	74.8	76.3	77.3	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3000		66.5	73.5	79.3	82.0	83.7	84.7	85.3	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
≥ 2500		71.9	79.4	86.0	88.7	90.7	91.7	92.5	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
≥ 2000		73.4	80.9	87.5	90.3	92.3	93.3	94.4	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1800		74.2	81.7	88.3	91.1	93.1	94.1	95.2	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1500		75.7	83.2	89.9	92.8	94.8	95.8	97.0	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 1200		76.8	84.4	91.1	94.1	96.1	97.2	98.4	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1000		77.1	84.7	91.5	94.7	96.7	97.7	99.0	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900		77.1	84.7	91.5	94.7	96.7	97.7	99.0	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 800		77.1	84.7	91.5	94.7	96.7	97.7	99.0	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700		77.1	84.7	91.5	94.7	96.7	97.7	99.0	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600		77.1	84.7	91.5	94.7	96.7	97.7	99.0	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500		77.1	84.7	91.5	94.7	96.7	97.7	99.1	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 400		77.1	84.7	91.5	94.7	96.7	97.7	99.1	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 300		77.1	84.7	91.5	94.7	96.7	97.7	99.1	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 200		77.1	84.7	91.5	94.7	96.7	97.7	99.1	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 100		77.1	84.7	91.5	94.7	96.7	97.7	99.1	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 0		77.1	84.7	91.5	94.7	96.7	97.7	99.1	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 957

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		23.4	24.1	25.3	25.7	25.7	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 20000		35.9	36.9	38.1	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 18000		35.9	36.9	38.1	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 16000		35.9	36.9	38.1	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 14000		36.3	37.3	38.6	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 12000		36.6	37.6	38.9	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 10000		38.6	39.5	40.9	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 9000		40.5	41.6	42.9	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 8000		45.7	46.8	48.5	49.0	49.0	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 7000		49.9	51.3	53.5	54.2	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 6000		51.5	53.0	55.3	56.0	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 5000		54.0	55.8	58.1	58.8	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 4500		55.9	57.8	60.1	60.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4000		61.0	63.4	66.0	66.7	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3500		67.4	69.8	72.6	73.3	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3000		77.6	80.3	83.4	84.2	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500		85.6	89.5	93.1	93.8	93.8	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000		87.3	91.3	95.0	95.7	95.7	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800		88.2	92.3	96.0	96.8	96.8	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500		89.7	93.8	97.5	98.3	98.3	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200		89.9	93.9	97.6	98.7	98.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000		89.9	93.9	97.6	98.7	98.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		90.0	94.0	97.8	98.8	98.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		90.0	94.0	97.8	98.8	98.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		90.0	94.0	97.8	98.8	98.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		90.0	94.0	97.8	98.8	98.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		90.0	94.0	97.8	98.8	98.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		90.0	94.0	97.8	98.8	98.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		90.0	94.0	97.8	98.8	98.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		90.0	94.0	97.8	98.8	98.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		90.0	94.0	97.8	98.8	98.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		90.0	94.0	97.8	98.8	98.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936

USAFETAC FORM AX 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		26.1	26.9	27.1	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 20000		44.5	45.5	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 18000		44.5	45.5	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 16000		44.5	45.5	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 14000		44.9	45.8	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 12000		45.5	46.5	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 10000		48.2	49.2	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 9000		50.3	51.3	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 8000		57.0	58.0	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 7000		61.8	63.1	63.6	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000		63.8	65.1	65.6	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 5000		66.8	68.3	68.9	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4500		70.3	72.0	72.5	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000		74.1	75.7	76.9	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500		79.6	81.4	82.6	82.9	82.9	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000		84.6	86.8	88.5	88.9	88.9	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500		90.7	93.8	95.8	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000		92.0	95.2	97.3	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800		92.5	95.8	97.9	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500		92.7	96.0	98.1	98.8	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200		93.1	96.5	98.7	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000		93.1	96.5	98.7	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		93.1	96.5	98.7	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		93.1	96.5	98.7	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		93.1	96.5	98.7	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		93.1	96.5	98.7	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		93.1	96.5	98.7	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		93.1	96.5	98.7	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		93.1	96.5	98.7	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		93.1	96.5	98.7	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		93.1	96.5	98.7	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		93.1	96.5	98.7	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 903

USAFETAC FORM XX 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 69-70 (YEARS) MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥⅛	≥0
NO CEILING		30.3	30.6	31.2	31.2	31.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 20000		48.1	49.3	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 18000		48.1	49.3	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 16000		48.1	49.3	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 14000		48.7	49.9	50.4	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 12000		49.0	50.1	50.7	50.7	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 10000		52.2	53.4	54.0	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 9000		55.5	56.7	57.3	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 8000		60.8	62.6	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 7000		68.5	70.6	71.2	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000		70.9	73.0	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000		73.3	75.4	76.0	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500		76.3	78.3	78.9	78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000		79.5	82.2	82.1	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500		81.9	84.9	85.8	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000		87.2	90.5	92.3	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500		90.2	94.1	96.1	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000		90.5	94.4	96.4	97.3	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800		90.5	94.4	96.4	97.3	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500		91.1	95.3	97.3	98.2	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.3
≥ 1200		91.1	95.5	97.6	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000		91.7	96.1	98.2	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		91.7	96.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		91.7	96.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		91.7	96.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		91.7	96.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		91.7	96.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		91.7	96.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		91.7	96.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		91.7	96.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		91.7	96.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		91.7	96.1	98.2	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 337

USAFETAC FORM AA 44 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-64 (YEAR) JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥¼	≥0
NO CEILING		30.5	37.5	41.4	45.3	46.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000		39.1	47.7	53.1	57.0	57.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000		39.1	47.7	53.1	57.0	57.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 16000		39.1	47.7	53.1	57.0	57.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 14000		39.1	47.7	53.1	57.0	57.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000		39.1	48.4	53.9	57.8	58.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 10000		39.1	46.4	53.9	56.6	59.4	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000		41.4	50.8	57.0	61.7	63.3	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000		43.0	53.9	60.9	65.6	67.2	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 7000		43.8	54.7	62.5	69.5	71.1	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 6000		44.5	56.3	64.8	71.9	73.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000		46.1	58.6	67.2	74.2	75.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500		46.9	59.4	68.0	75.0	76.6	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000		51.6	65.6	74.2	82.0	83.6	88.3	88.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3500		51.6	66.4	75.0	82.8	84.4	89.1	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000		54.7	69.5	78.1	85.9	87.5	92.2	92.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500		57.8	73.4	82.0	89.8	91.4	96.1	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000		57.8	73.4	82.0	90.6	92.2	96.9	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800		57.8	73.4	82.0	90.6	92.2	96.9	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500		58.6	74.2	82.8	92.2	93.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200		58.6	74.2	82.8	92.2	93.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		58.6	74.2	82.8	92.2	93.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		58.6	74.2	82.8	92.2	93.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		58.6	74.2	82.8	92.2	93.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		58.6	74.2	82.8	92.2	93.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		58.6	74.2	82.8	92.2	93.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		58.6	74.2	82.8	92.2	93.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400		58.6	74.2	82.8	92.2	93.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300		58.6	74.2	82.8	92.2	93.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200		58.6	74.2	82.8	92.2	93.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100		58.6	74.2	82.8	92.2	93.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0
≥ 0		58.6	74.2	82.8	92.2	93.8	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 128

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 BAD KREUZNACH GERMANY AAF 60-70 JUN

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥	≥¾	≥½	≥5/16	≥¼	≥	≥
NO CEILING		27.5	32.3	36.1	41.4	43.4	44.1	44.4	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9
≥ 20000		34.2	39.3	46.1	50.1	52.4	53.7	54.4	54.9	55.0	55.0	55.2	55.2	55.2	55.2	55.3
≥ 18000		34.2	39.3	46.1	50.1	52.4	53.7	54.4	54.9	55.0	55.0	55.2	55.2	55.2	55.2	55.3
≥ 16000		34.2	39.3	46.1	50.1	52.4	53.7	54.4	54.9	55.0	55.0	55.2	55.2	55.2	55.2	55.3
≥ 14000		34.2	39.3	46.2	[illegible]	52.5	53.8	54.5	55.0	55.1	55.1	55.3	55.3	55.3	55.3	55.4
≥ 12000		34.2	39.4	46.5	50.4	52.7	54.0	54.7	55.2	55.3	55.3	55.6	55.6	55.6	55.6	55.7
≥ 10000		36.6	42.0	49.2	53.2	55.8	57.0	57.8	58.3	58.4	58.4	58.6	58.6	58.6	58.6	58.7
≥ 9000		38.1	43.8	51.2	55.4	58.0	59.6	60.3	60.8	61.0	61.0	61.2	61.2	61.2	61.2	61.3
≥ 8000		43.0	49.3	57.6	62.1	64.7	66.9	67.5	68.1	68.4	68.4	68.6	68.6	68.6	68.6	68.7
≥ 7000		45.6	53.0	61.6	66.5	69.4	71.3	72.3	73.0	73.2	73.2	73.4	73.4	73.4	73.4	73.5
≥ 6000		46.3	54.5	63.1	68.1	71.2	73.3	74.4	75.1	75.3	75.3	75.6	75.6	75.6	75.6	75.7
≥ 5000		48.7	57.2	66.0	71.3	74.5	76.6	77.7	78.4	78.6	78.6	78.8	78.8	78.8	78.8	78.9
≥ 4500		49.8	58.5	67.7	73.0	76.2	78.3	79.5	80.2	80.4	80.4	80.6	80.6	80.6	80.6	80.7
≥ 4000		51.4	60.5	69.9	76.0	79.2	81.4	82.8	83.5	83.8	83.8	84.0	84.0	84.0	84.0	84.1
≥ 3500		52.8	62.5	72.4	78.8	82.0	84.3	85.7	86.5	86.9	87.0	87.2	87.3	87.4	87.4	87.5
≥ 3000		55.2	65.1	75.7	82.2	85.5	87.9	89.3	90.1	90.5	90.6	90.8	91.0	91.1	[illegible]	91.2
≥ 2500		58.0	67.9	78.8	85.6	88.9	91.3	92.7	93.5	94.0	94.1	94.3	94.5	94.6	94.6	94.7
≥ 2000		58.6	68.6	79.5	86.2	89.5	92.0	93.3	94.2	94.6	94.7	94.9	95.1	95.2	95.2	95.3
≥ 1800		58.9	68.9	79.8	86.7	89.9	92.4	93.8	94.6	95.0	95.1	95.3	95.6	95.7	95.7	95.8
≥ 1500		59.8	69.9	81.0	88.0	91.3	93.8	95.1	96.0	96.4	96.5	96.8	97.0	97.1	97.1	97.2
≥ 1200		60.1	70.4	81.8	89.1	92.4	94.8	96.3	97.1	97.9	98.0	98.3	98.5	98.6	98.6	98.7
≥ 1000		60.1	70.4	81.8	89.1	92.4	94.8	96.3	97.1	97.9	98.0	98.3	98.5	98.6	98.6	98.7
≥ 900		60.1	70.4	81.8	89.1	92.4	94.8	96.3	97.1	97.9	98.0	98.3	98.5	98.6	98.6	98.7
≥ 800		60.1	70.4	81.8	89.1	92.4	94.8	96.3	97.1	97.9	98.0	98.3	98.6	98.7	98.7	98.8
≥ 700		60.1	70.6	82.0	89.3	92.6	95.0	96.5	97.4	98.1	98.2	98.5	98.8	98.9	98.9	99.0
≥ 600		60.1	70.6	82.0	89.3	92.6	95.0	96.5	97.4	98.1	98.2	98.5	98.8	98.9	98.9	99.0
≥ 500		60.1	70.6	82.0	89.3	92.6	95.0	96.5	97.4	98.1	98.2	98.6	99.0	99.2	99.2	99.3
≥ 400		60.1	70.6	82.0	89.3	92.6	95.0	96.5	97.4	98.1	98.2	98.6	99.0	99.2	99.2	99.3
≥ 300		60.1	70.6	82.0	89.3	92.6	95.0	96.5	97.4	98.1	98.2	98.6	99.2	99.3	99.3	99.7
≥ 200		60.1	70.6	82.0	89.3	92.6	95.0	96.5	97.4	98.1	98.2	98.6	99.2	99.3	99.3	99.8
≥ 100		60.1	70.6	82.0	89.3	92.6	95.0	96.5	97.4	98.1	98.2	98.6	99.2	99.3	99.3	100.0
≥ 0		60.1	70.6	82.0	89.3	92.6	95.0	96.5	97.4	98.1	98.2	98.6	99.2	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 945

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 69-70 (YEAR) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		31.4	35.8	39.6	40.3	40.9	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 20000		39.5	44.9	50.0	51.4	52.1	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 18000		39.5	44.9	50.0	51.4	52.1	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000		39.5	44.9	50.0	51.4	52.1	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000		39.5	44.9	50.0	51.4	52.1	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 12000		39.6	45.0	50.1	51.5	52.2	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 10000		42.4	47.8	53.2	54.7	55.4	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 9000		43.3	48.8	54.8	56.4	57.2	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 8000		47.6	53.7	60.5	62.2	62.9	63.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 7000		49.6	55.7	62.7	64.3	65.1	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 6000		50.6	57.0	63.9	65.6	66.3	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 5000		53.1	59.6	66.8	68.7	69.4	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500		54.1	60.5	67.9	69.9	70.7	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4000		56.9	63.3	71.0	73.0	74.0	74.5	74.8	74.9	75.3	75.3	75.3	75.3	75.4	75.4	75.4
≥ 3500		59.5	66.3	74.4	76.5	77.5	78.1	78.4	78.5	78.8	78.8	78.8	78.8	79.1	79.1	79.1
≥ 3000		66.2	73.6	82.4	84.7	85.9	86.4	86.7	86.8	87.2	87.2	87.2	87.2	87.5	87.5	87.5
≥ 2500		70.3	77.9	87.5	89.8	91.1	91.8	92.2	92.3	92.7	92.8	92.8	92.8	93.1	93.1	[illegible]
≥ 2000		72.8	80.4	90.2	92.6	93.9	94.6	95.0	95.1	95.5	95.6	95.7	95.7	96.0	96.0	[illegible]
≥ 1800		73.5	81.1	91.0	93.3	94.6	95.3	95.7	95.8	96.3	96.4	96.5	96.5	96.8	96.8	[illegible]
≥ 1500		74.1	81.7	91.8	94.2	95.4	96.2	96.7	96.9	97.3	97.4	97.5	97.5	97.8	97.8	97.[illegible]
≥ 1200		75.2	82.7	93.0	95.4	97.0	97.7	98.2	98.5	99.1	99.2	99.3	99.3	99.6	99.6	99.6
≥ 1000		75.2	82.7	93.1	95.6	97.3	98.1	98.6	99.0	99.5	99.6	99.7	99.7	100.0	100.0	100.0
≥ 900		75.2	82.7	93.1	95.6	97.3	98.1	98.6	99.0	99.5	99.6	99.7	99.7	100.0	100.0	100.0
≥ 800		75.2	82.7	93.1	95.6	97.3	98.1	98.6	99.0	99.5	99.6	99.7	99.7	100.0	100.0	100.0
≥ 700		75.2	82.7	93.1	95.6	97.3	98.1	98.6	99.0	99.5	99.6	99.7	99.7	100.0	100.0	100.0
≥ 600		75.2	82.7	93.1	95.6	97.3	98.1	98.6	99.0	99.5	99.6	99.7	99.7	100.0	100.0	100.0
≥ 500		75.2	82.7	93.1	95.6	97.3	98.1	98.6	99.0	99.5	99.6	99.7	99.7	100.0	100.0	100.0
≥ 400		75.2	82.7	93.1	95.6	97.3	98.1	98.6	99.0	99.5	99.6	99.7	99.7	100.0	100.0	100.0
≥ 300		75.2	82.7	93.1	95.6	97.3	98.1	98.6	99.0	99.5	99.6	99.7	99.7	100.0	100.0	100.0
≥ 200		75.2	82.7	93.1	95.6	97.3	98.1	98.6	99.0	99.5	99.6	99.7	99.7	100.0	100.0	100.0
≥ 100		75.2	82.7	93.1	95.6	97.3	98.1	98.6	99.0	99.5	99.6	99.7	99.7	100.0	100.0	100.0
≥ 0		75.2	82.7	93.1	95.6	97.3	98.1	98.6	99.0	99.5	99.6	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 962

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥⅛	≥0
NO CEILING		31.8	32.5	33.4	33.5	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 20000		42.9	44.3	45.4	45.5	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 18000		42.9	44.3	45.4	45.5	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 16000		42.9	44.3	45.4	45.5	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 14000		43.0	44.4	45.5	45.6	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 12000		43.0	44.6	45.8	45.9	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 10000		45.8	47.5	48.6	48.7	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 9000		47.2	49.2	50.3	50.4	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 8000		52.1	54.4	55.8	55.9	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 700		55.2	57.5	59.0	59.2	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 6000		56.9	59.2	60.8	61.0	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 5000		59.4	61.8	63.5	63.7	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4500		60.5	62.8	64.6	64.9	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4000		65.4	67.9	69.7	70.0	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3500		69.4	72.1	73.9	74.1	74.5	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000		80.0	83.0	86.2	86.5	86.9	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2500		85.6	88.7	92.4	93.0	93.5	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000		87.8	91.0	94.8	95.5	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800		88.7	91.9	95.8	96.5	97.0	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500		90.1	93.3	97.2	98.0	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200		90.8	93.9	97.9	98.6	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		90.8	93.9	97.9	98.6	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		90.8	93.9	97.9	98.6	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		91.0	94.2	98.1	98.8	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		91.0	94.2	98.1	98.9	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		91.0	94.2	98.1	98.9	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		91.0	94.2	98.1	98.9	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		91.0	94.2	98.1	98.9	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		91.0	94.2	98.1	98.9	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		91.0	94.2	98.1	98.9	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		91.0	94.2	98.1	98.9	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		91.0	94.2	98.1	98.9	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 942

USAFETAC FORM AR 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		28.8	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 20000		43.8	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 18000		43.8	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 16000		43.8	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 14000		44.1	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 12000		44.8	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 10000		47.4	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 9000		49.2	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 8000		56.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 7000		60.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 6000		62.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 5000		65.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4500		67.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4000		72.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 3500		77.5	78.5	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3000		84.8	86.3	87.0	87.4	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500		90.2	92.2	93.1	93.4	93.4	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000		93.2	95.3	96.2	96.5	96.5	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800		93.9	96.0	96.9	97.2	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500		95.2	97.4	98.3	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200		95.8	98.1	99.0	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		95.8	98.1	99.0	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		95.8	98.1	99.0	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		96.0	98.3	99.2	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		96.1	98.4	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		96.1	98.4	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		96.1	98.4	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.1	98.4	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.1	98.4	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.1	98.4	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.1	98.4	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		96.1	98.4	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 895

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI..
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING		35.5	36.1	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 20000		52.8	53.4	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 18000		52.8	53.4	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000		52.8	53.4	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 14000		53.1	53.7	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 12000		53.4	54.0	54.6	54.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000		55.2	55.9	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 9000		57.1	57.7	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 8000		62.7	63.3	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000		66.7	67.6	68.5	68.5	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 6000		70.7	71.6	72.5	72.5	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000		73.5	74.4	75.3	75.3	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500		75.9	77.2	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000		79.9	81.2	82.1	82.4	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500		83.0	84.3	85.2	85.5	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000		86.7	89.2	90.4	90.7	90.7	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500		90.1	92.6	93.8	94.4	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000		91.7	94.1	95.4	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800		92.6	95.1	96.3	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500		93.8	96.3	97.5	98.1	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200		94.1	96.6	97.8	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000		94.4	96.9	98.1	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		94.8	97.2	98.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		95.1	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		95.1	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		95.1	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		95.1	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		95.1	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		95.1	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		95.1	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		95.1	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		95.1	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 324

USAFETAC FORM JUL 54 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 69 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥¼	≥0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-64,69 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		23.8	31.7	33.3	34.1	37.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 20000		27.8	38.1	39.7	40.5	43.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 18000		27.8	38.1	39.7	40.5	43.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 16000		27.8	38.1	39.7	40.5	43.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 14000		27.8	38.1	39.7	40.5	43.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 12000		28.6	38.9	41.3	42.1	45.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 10000		31.0	42.9	46.0	46.8	50.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 9000		33.3	45.2	48.4	49.2	52.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 8000		37.3	50.0	54.0	54.8	58.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000		40.5	53.2	57.9	59.5	63.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 6000		42.1	54.8	59.5	61.1	65.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000		45.2	61.1	65.9	67.5	71.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500		46.0	61.9	66.7	68.3	72.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000		54.8	71.4	76.2	77.8	81.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500		55.6	73.0	77.8	81.0	84.9	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000		57.9	76.2	81.7	84.9	88.9	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500		59.5	79.4	84.9	88.9	92.9	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0
≥ 300		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0
≥ 200		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0
≥ 100		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0
≥ 0		60.3	80.2	85.7	89.7	93.7	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 126

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥⅛	0
NO CEILING		24.8	29.7	34.7	36.2	38.3	40.2	41.2	41.3	41.7	41.7	41.7	41.7	41.8	41.8	41.8
≥ 20000		29.2	35.2	40.6	42.2	44.3	46.5	47.6	47.7	48.2	48.3	48.4	48.5	48.8	48.8	49.0
≥ 18000		29.2	35.2	40.6	42.2	44.3	46.5	47.6	47.7	48.2	48.3	48.4	48.5	48.8	48.8	49.0
≥ 16000		29.2	35.2	40.6	42.2	44.3	46.5	47.6	47.7	48.2	48.3	48.4	48.5	48.8	48.8	49.0
≥ 14000		29.3	35.3	40.7	42.3	44.5	46.6	47.7	47.8	48.3	48.4	48.5	48.7	48.9	48.9	49.1
≥ 12000		29.4	35.4	41.0	42.7	44.9	47.0	48.2	48.3	48.9	49.0	49.1	49.2	49.4	49.4	49.6
≥ 10000		31.6	38.1	44.6	46.4	48.5	50.8	52.1	52.2	52.7	52.9	53.0	53.1	53.3	53.3	53.5
≥ 9000		33.4	41.0	46.7	48.5	50.9	53.3	54.6	54.8	55.4	55.5	55.7	55.8	56.0	56.0	56.2
≥ 8000		39.9	46.3	53.4	55.9	58.3	61.1	62.4	62.6	63.3	63.4	63.5	63.6	63.8	63.8	64.0
≥ 7000		41.6	49.3	56.7	59.3	62.0	64.8	66.2	66.4	67.1	67.2	67.3	67.4	67.6	67.6	67.8
≥ 6000		43.7	51.6	59.4	62.1	64.8	67.6	69.0	69.3	70.0	70.1	70.2	70.3	70.5	70.5	70.7
≥ 5000		47.6	56.3	64.6	67.4	70.1	72.9	74.3	74.6	75.2	75.3	75.5	75.6	75.8	75.8	76.0
≥ 4500		49.3	58.1	66.6	69.6	72.4	75.2	76.7	77.1	77.7	77.8	77.9	78.0	78.2	78.3	78.5
≥ 4000		53.1	61.9	70.6	74.2	77.0	79.9	81.4	81.7	82.5	82.6	82.7	82.8	83.0	83.0	83.2
≥ 3500		55.3	64.4	73.4	77.2	80.4	83.3	84.8	85.1	85.9	86.0	86.1	86.2	86.4	86.4	86.7
≥ 3000		58.9	68.1	77.5	81.5	84.9	88.3	89.9	90.2	91.0	91.1	91.2	91.3	91.6	91.6	91.8
≥ 2500		61.2	71.6	81.3	85.3	88.7	92.0	93.8	94.1	94.8	94.9	95.0	95.2	95.5	95.5	95.7
≥ 2000		61.7	72.1	81.8	85.9	89.3	92.8	94.5	94.8	95.6	95.7	95.8	95.9	96.2	96.2	96.4
≥ 1800		61.7	72.2	82.0	86.1	89.6	93.0	96.7	95.0	95.8	95.9	96.0	96.1	96.4	96.4	96.7
≥ 1500		61.9	72.6	82.8	86.9	90.3	94.0	95.8	96.1	97.2	97.3	97.4	97.5	97.8	97.8	98.1
≥ 1200		62.4	73.1	83.3	87.4	90.9	94.5	96.3	96.7	97.7	97.8	98.0	98.1	98.4	98.4	98.6
≥ 1000		62.4	73.1	83.3	87.4	90.9	94.5	96.3	96.7	97.7	97.8	98.0	98.1	98.4	98.4	98.6
≥ 900		62.4	73.1	83.3	87.4	90.9	94.5	96.3	96.7	97.7	97.8	98.0	98.1	98.4	98.4	98.6
≥ 800		62.4	73.1	83.3	87.4	90.9	94.5	96.3	96.8	98.1	98.2	98.3	98.4	98.7	98.7	98.9
≥ 700		62.4	73.2	83.4	87.5	91.0	94.6	96.4	96.9	98.2	98.3	98.4	98.5	98.8	98.8	99.0
≥ 600		62.4	73.2	83.4	87.5	91.0	94.6	96.4	96.9	98.2	98.3	98.4	98.6	99.0	99.0	99.2
≥ 500		62.4	73.2	83.4	87.5	91.0	94.6	96.4	96.9	98.2	98.3	98.4	98.6	99.0	99.1	99.5
≥ 400		62.4	73.2	83.4	87.5	91.0	94.6	96.4	96.9	98.2	98.3	98.4	98.6	99.0	99.1	99.6
≥ 300		62.4	73.2	83.4	87.5	91.0	94.6	96.4	96.9	98.2	98.3	98.4	98.6	99.0	99.1	99.8
≥ 200		62.4	73.2	83.4	87.5	91.0	94.6	96.4	96.9	98.2	98.3	98.4	98.6	99.0	99.1	100.0
≥ 100		62.4	73.2	83.4	87.5	91.0	94.6	96.4	96.9	98.2	98.3	98.4	98.6	99.0	99.1	100.0
≥ 0		62.4	73.2	83.4	87.5	91.0	94.6	96.4	96.9	98.2	98.3	98.4	98.6	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM AA 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-72 (YEAR) JUL (MONTH)

PERCENTA FREQUENCY OF OCCURRENCE (FRO OURLY OBSERVATIONS) 0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		29.7	32.0	35.2	37.5	37.9	38.3	38.3	38.5	38.6	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000		35.2	38.8	43.3	45.7	46.4	46.8	46.8	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1
≥ 18000		35.2	38.8	43.3	45.7	46.4	46.8	46.8	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1
≥ 16000		35.2	38.8	43.3	45.7	46.4	46.8	46.8	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1
≥ 14000		35.3	38.9	43.4	45.8	46.5	46.9	46.9	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2
≥ 12000		35.7	39.3	44.0	46.3	47.0	47.5	47.7	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0
≥ 10000		38.2	42.3	47.1	49.7	50.4	51.0	51.3	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6
≥ 9000		40.0	44.2	49.2	51.9	52.6	53.2	53.6	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9
≥ 8000		46.1	50.6	56.1	59.2	60.3	60.8	61.2	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5
≥ 7000		48.5	53.2	59.1	62.3	63.3	63.9	64.3	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000		50.0	54.9	61.0	64.2	65.3	65.8	66.2	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6
≥ 5000		53.3	58.3	64.6	67.9	69.0	69.5	69.9	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500		54.7	59.6	66.0	69.3	70.3	70.9	71.3	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4000		59.1	64.2	70.9	74.3	75.4	76.0	76.4	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500		63.3	68.5	75.4	78.9	80.3	80.8	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3000		70.0	75.7	82.9	87.0	88.6	89.3	89.7	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500		74.7	81.0	88.3	92.4	94.0	94.7	95.1	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000		75.2	81.6	88.9	93.0	94.6	95.3	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800		75.4	81.8	89.1	93.2	94.9	95.7	96.1	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500		75.8	82.2	89.9	94.2	95.9	96.7	97.2	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200		76.6	83.1	90.8	95.0	96.7	97.6	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000		76.7	83.4	91.1	95.3	97.0	97.9	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900		76.7	83.4	91.1	95.3	97.0	97.9	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800		76.8	83.5	91.4	95.7	97.4	98.4	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700		76.9	83.6	91.5	95.8	97.5	98.5	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		76.9	83.6	91.5	95.8	97.5	98.5	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		76.9	83.6	91.5	95.8	97.5	98.5	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400		76.9	83.6	91.5	95.8	97.5	98.5	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300		76.9	83.6	91.5	95.8	97.5	98.5	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200		76.9	83.6	91.5	95.8	97.5	98.5	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100		76.9	83.6	91.5	95.8	97.5	98.5	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0		76.9	83.6	91.5	95.8	97.5	98.5	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 944

USAFETAC FORM JUL 64 C 14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		28.8	30.3	31.6	31.9	31.9	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 20000		38.5	40.2	41.8	42.1	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 18000		38.6	40.3	41.9	42.2	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 16000		38.6	40.3	41.9	42.2	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 14000		38.6	40.3	41.9	42.2	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 12000		38.8	40.5	42.1	42.5	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 10000		41.2	43.2	44.9	45.2	45.4	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 9000		43.2	45.4	47.3	47.5	47.7	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 8000		48.2	51.7	52.4	52.8	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 7000		50.9	53.3	55.0	55.5	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 6000		51.5	54.1	55.9	56.2	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 5000		55.9	59.0	60.9	61.4	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500		58.4	61.6	63.6	64.0	64.2	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 4000		64.0	67.6	69.7	70.1	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3500		69.9	73.6	76.0	76.6	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000		80.7	84.9	87.7	88.3	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2500		85.9	90.6	93.7	94.3	94.5	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000		87.4	92.2	95.3	96.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800		87.9	92.7	95.7	96.4	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500		88.1	92.9	96.0	96.7	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200		89.3	94.1	97.4	98.2	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000		89.7	94.6	97.9	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		89.7	94.6	97.9	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		89.9	94.9	98.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		89.9	94.9	98.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		89.9	94.9	98.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		89.9	94.9	98.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		89.9	94.9	98.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		89.9	94.9	98.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		89.9	94.9	98.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		89.9	94.9	98.1	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		90.0	95.0	98.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 914

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ [illegible]

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		32.1	32.7	33.2	33.6	33.6	33.6	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 20000		42.6	43.4	44.0	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 18000		42.6	43.4	44.0	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 16000		42.6	43.4	44.0	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 14000		42.6	43.4	44.0	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 12000		42.7	43.5	44.1	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 10000		45.5	46.3	46.9	47.3	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 9000		48.6	49.4	50.0	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 8000		54.8	55.6	56.5	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 7000		57.2	58.2	59.0	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 6000		58.8	60.2	61.0	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 5000		63.0	64.7	65.8	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4500		66.7	68.4	69.5	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4000		71.7	73.4	74.8	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3500		78.1	79.8	81.4	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000		85.7	87.5	89.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500		90.6	93.2	94.9	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000		91.2	93.9	95.6	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800		92.0	94.7	96.4	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500		92.3	95.0	96.9	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200		92.9	95.6	97.4	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000		93.2	96.1	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		93.2	96.1	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		93.2	96.1	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		93.2	96.1	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		93.2	96.1	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		93.2	96.1	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		93.2	96.1	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		93.2	96.1	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		93.2	96.1	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		93.2	96.1	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		93.2	96.1	98.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 862

USAFETAC FORM XX 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/ AC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-70 (YEARS) JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥5/16	≥¼	≥0
NO CEILING		32.6	33.2	33.5	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 20000		42.9	43.8	44.1	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 18000		42.9	43.8	44.1	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 16000		42.9	43.8	44.1	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 14000		42.9	43.8	44.1	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 12000		43.5	44.4	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 10000		47.8	48.8	49.1	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 9000		49.7	50.6	50.9	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 8000		58.8	58.1	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 7000		59.9	61.2	61.8	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 6000		62.1	64.6	65.2	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 5000		66.1	68.6	69.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 4500		72.5	73.0	73.6	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 4000		76.7	79.2	79.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500		80.4	82.9	83.5	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000		87.3	89.8	90.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500		91.6	94.4	95.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000		91.9	94.7	95.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800		92.9	95.7	96.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500		92.9	96.0	96.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200		92.9	96.0	96.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000		92.9	96.0	96.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		92.9	96.0	96.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		92.9	96.0	96.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		92.9	96.0	96.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		92.9	96.0	96.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		92.9	96.0	96.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		92.9	96.0	96.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.9	96.0	96.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.9	96.0	96.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		92.9	96.0	96.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.9	96.0	96.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 322

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GER ALLY AAF (STATION NAME) 69 (YEAR) JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3

USAFETAC FORM AA 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI...
USAF ETAC
AIR WEATHER SERVICE/ AC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GER: A.Y AAF (STATION NAME) 60-64 (YEAR) AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥⅜	≥¼	≥0
NO CEILING		14.4	19.7	25.8	28.0	30.3	32.6	34.1	34.1	34.1	34.1	34.8	34.8	34.8	34.8	34.8
≥ 20000		15.9	22.0	28.8	31.8	34.1	37.9	39.4	39.4	39.4	39.4	40.2	40.2	40.2	40.2	40.2
≥ 18000		15.9	22.0	28.8	31.8	34.1	37.9	39.4	39.4	39.4	39.4	40.2	40.2	40.2	40.2	40.2
≥ 16000		15.9	22.0	28.8	31.8	34.1	37.9	39.4	39.4	39.4	39.4	40.2	40.2	40.2	40.2	40.2
≥ 14000		15.9	22.0	28.8	31.8	34.1	37.9	39.4	39.4	39.4	39.4	40.2	40.2	40.2	40.2	40.2
≥ 12000		18.2	26.2	31.1	34.1	36.4	40.2	41.7	41.7	41.7	41.7	42.4	42.4	42.4	42.4	42.4
≥ 10000		18.9	25.8	33.3	36.4	38.6	42.4	43.9	43.9	43.9	43.9	44.7	44.7	45.5	45.5	45.5
≥ 9000		21.5	28.0	35.6	38.6	40.9	45.5	47.0	47.0	47.0	47.0	47.7	47.7	48.5	48.5	48.5
≥ 8000		25.5	35.6	43.9	47.0	50.0	54.5	56.8	56.8	56.8	56.8	57.6	57.6	58.3	58.3	58.3
≥ 7000		29.5	39.4	47.7	50.8	53.8	58.3	60.6	60.6	60.6	60.6	61.4	61.4	62.1	62.1	62.1
≥ 6000		31.1	41.7	50.0	53.0	56.1	60.6	62.9	62.9	62.9	62.9	63.6	63.6	64.4	64.4	64.4
≥ 5000		34.8	46.2	54.5	58.3	61.4	65.9	68.2	68.2	68.2	68.2	68.9	68.9	69.7	69.7	69.7
≥ 4500		34.8	46.2	54.5	58.3	61.4	65.9	68.2	68.2	68.2	68.2	68.9	68.9	69.7	69.7	69.7
≥ 4000		37.1	48.5	56.8	62.9	65.9	71.2	73.5	73.5	73.5	73.5	74.2	74.2	75.0	75.0	75.0
≥ 3500		39.4	52.3	62.1	66.2	71.2	76.5	78.8	78.8	78.8	78.8	79.5	79.5	80.3	80.3	80.3
≥ 3000		43.2	58.3	68.2	74.2	77.3	83.3	85.6	85.6	85.6	85.6	86.4	86.4	87.1	87.1	87.1
≥ 2500		47.7	63.6	74.2	80.3	83.3	89.4	91.7	91.7	91.7	91.7	92.4	92.4	93.2	93.2	93.2
≥ 2000		48.5	64.4	75.8	81.8	84.8	90.9	93.9	93.9	93.9	93.9	94.7	94.7	95.5	95.5	95.5
≥ 1800		48.5	64.4	75.8	81.8	84.8	90.9	93.9	93.9	93.9	93.9	94.7	94.7	95.5	95.5	95.5
≥ 1500		49.2	65.2	76.5	82.6	85.6	92.4	96.2	96.2	96.2	96.2	97.0	97.0	97.7	97.7	97.7
≥ 1200		49.2	65.9	77.3	83.3	86.4	93.2	97.0	97.0	97.0	97.0	97.7	97.7	98.5	98.5	98.5
≥ 1000		49.2	65.9	77.3	83.3	86.4	93.9	97.7	97.7	97.7	97.7	98.5	98.5	99.2	99.2	99.2
≥ 900		49.2	65.9	77.3	83.3	86.4	93.9	97.7	97.7	97.7	97.7	98.5	98.5	99.2	99.2	99.2
≥ 800		49.2	65.9	77.3	83.3	86.4	94.7	98.5	98.5	98.5	98.5	99.2	99.2	100.0	100.0	100.0
≥ 700		49.2	65.9	77.3	83.3	86.4	94.7	98.5	98.5	98.5	98.5	99.2	99.2	100.0	100.0	100.0
≥ 600		49.2	65.9	77.3	83.3	86.4	94.7	98.5	98.5	98.5	98.5	99.2	99.2	100.0	100.0	100.0
≥ 500		49.2	65.9	77.3	83.3	86.4	94.7	98.5	98.5	98.5	98.5	99.2	99.2	100.0	100.0	100.0
≥ 400		49.2	65.9	77.3	83.3	86.4	94.7	98.5	98.5	98.5	98.5	99.2	99.2	100.0	100.0	100.0
≥ 300		49.2	65.9	77.3	83.3	86.4	94.7	98.5	98.5	98.5	98.5	99.2	99.2	100.0	100.0	100.0
≥ 200		49.2	65.9	77.3	83.3	86.4	94.7	98.5	98.5	98.5	98.5	99.2	99.2	100.0	100.0	100.0
≥ 100		49.2	65.9	77.3	83.3	86.4	94.7	98.5	98.5	98.5	98.5	99.2	99.2	100.0	100.0	100.0
≥ 0		49.2	65.9	77.3	83.3	86.4	94.7	98.5	98.5	98.5	98.5	99.2	99.2	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 132

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		17.5	22.1	27.9	31.5	33.6	36.1	37.7	39.0	39.7	40.0	40.0	40.0	40.0	40.0	40.1
≥ 20000		21.3	27.5	34.0	38.1	40.3	43.8	45.8	47.7	48.7	49.0	49.1	49.1	49.4	49.4	49.5
≥ 18000		21.3	27.5	34.0	38.1	40.3	43.8	45.8	47.7	48.7	49.0	49.1	49.1	49.4	49.4	49.5
≥ 16000		21.3	27.5	34.0	38.1	40.3	43.8	45.8	47.7	48.7	49.0	49.1	49.1	49.4	49.4	49.5
≥ 14000		21.3	27.5	34.0	38.1	40.3	43.8	45.8	47.7	48.7	49.0	49.1	49.1	49.4	49.4	49.5
≥ 12000		21.9	28.0	34.6	38.7	40.9	44.5	46.4	48.3	49.4	49.6	49.7	49.7	50.0	50.0	50.1
≥ 10000		24.6	31.6	38.4	42.6	44.8	48.3	50.3	52.3	53.3	53.6	53.8	53.8	54.1	54.1	54.2
≥ 9000		26.9	34.1	41.3	45.6	47.9	51.6	53.6	55.5	56.6	56.8	57.0	57.0	57.3	57.3	57.4
≥ 8000		32.2	40.8	49.2	53.7	56.1	60.6	63.0	65.0	66.1	66.3	66.5	66.5	66.8	66.8	66.9
≥ 7000		35.0	44.0	52.5	57.2	59.6	64.5	66.9	68.9	70.4	70.7	70.9	71.0	71.3	71.3	71.4
≥ 6000		35.6	45.1	53.8	58.9	61.3	66.3	68.8	70.8	72.3	72.6	72.8	72.9	73.2	73.2	73.3
≥ 5000		38.0	47.8	56.6	61.9	64.3	69.4	72.0	74.0	75.4	75.7	75.9	76.0	76.4	76.4	76.5
≥ 4500		39.1	49.1	57.8	63.2	65.6	70.6	73.2	75.2	76.9	77.2	77.4	77.5	77.8	77.8	77.9
≥ 4000		42.4	52.4	61.4	67.6	70.4	75.5	78.1	80.1	81.9	82.2	82.4	82.5	82.8	82.8	82.9
≥ 3500		44.0	54.4	64.0	70.5	73.3	78.5	81.1	83.1	84.8	85.1	85.4	85.5	85.8	85.8	85.9
≥ 3000		46.7	57.2	67.6	74.3	77.3	82.7	85.6	87.8	89.5	89.9	90.2	90.3	90.6	90.6	90.8
≥ 2500		48.5	59.1	69.8	76.8	79.9	85.6	88.4	90.6	92.4	92.7	93.0	93.1	93.4	93.4	93.6
≥ 2000		49.2	59.7	70.8	77.9	81.3	86.9	89.7	91.9	93.9	94.2	94.6	94.7	95.0	95.0	95.2
≥ 1800		49.3	59.8	71.0	78.1	81.5	87.1	90.0	92.2	94.1	94.5	94.8	94.9	95.2	95.2	95.4
≥ 1500		49.9	60.5	71.7	79.2	82.6	88.5	91.3	93.6	95.8	96.1	96.4	96.7	97.1	97.1	97.3
≥ 1200		50.3	60.9	72.1	79.6	83.1	88.9	91.7	94.1	96.3	96.7	97.0	97.2	97.6	97.6	97.8
≥ 1000		50.3	61.0	72.2	79.7	83.2	89.3	92.2	94.7	97.1	97.4	97.7	97.9	98.3	98.3	98.5
≥ 900		50.3	61.0	72.2	79.7	83.3	89.4	92.3	94.8	97.2	97.5	97.8	98.0	98.4	98.4	98.6
≥ 800		50.3	61.0	72.2	79.7	83.4	89.6	92.5	95.0	97.5	97.8	98.1	98.3	98.7	98.7	99.0
≥ 700		50.3	61.0	72.2	79.7	83.4	89.6	92.5	95.0	97.6	97.9	98.2	98.4	98.8	98.8	99.1
≥ 600		50.3	61.0	72.2	79.7	83.4	89.6	92.5	95.0	97.8	98.1	98.4	98.6	99.1	99.1	99.3
≥ 500		50.3	61.0	72.2	79.7	83.5	89.7	92.6	95.1	97.9	98.2	98.5	98.7	99.2	99.2	99.4
≥ 400		50.3	61.0	72.2	79.7	83.5	89.7	92.6	95.1	97.9	98.2	98.5	98.7	99.2	99.2	99.5
≥ 300		50.3	61.0	72.2	79.7	83.5	89.7	92.6	95.1	97.9	98.2	98.5	98.7	99.4	99.4	99.7
≥ 200		50.3	61.0	72.2	79.7	83.5	89.7	92.6	95.1	97.9	98.2	98.5	98.7	99.4	99.4	100.0
≥ 100		50.3	61.0	72.2	79.7	83.5	89.7	92.6	95.1	97.9	98.2	98.5	98.7	99.4	99.4	100.0
0		50.3	61.0	72.2	79.7	83.5	89.7	92.6	95.1	97.9	98.2	98.5	98.7	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 936

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		22.7	26.6	32.1	33.7	35.0	35.5	35.6	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 20000		30.1	35.5	41.7	43.7	45.1	46.0	46.5	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 18000		30.1	35.5	41.7	43.7	45.1	46.0	46.5	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 16000		30.1	35.5	41.7	43.7	45.1	46.0	46.5	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000		30.2	35.6	41.8	43.8	45.2	46.1	46.6	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 12000		31.2	36.6	42.9	44.3	46.3	47.1	47.6	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 10000		33.5	39.3	46.6	48.7	50.2	51.0	51.6	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 9000		36.0	42.5	49.8	51.9	53.5	54.5	55.0	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 8000		42.5	49.3	58.2	60.6	62.6	63.8	64.5	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000		45.0	52.0	61.1	63.7	65.7	67.0	67.7	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000		46.0	53.2	62.4	65.2	67.4	68.7	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000		47.5	55.0	64.5	67.4	69.6	70.9	71.7	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4500		48.1	55.6	65.3	68.2	70.4	71.8	72.7	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000		52.3	59.8	69.6	72.5	74.6	76.1	76.9	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500		54.8	62.4	72.4	75.5	77.7	79.2	80.0	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000		59.3	67.2	77.6	81.6	84.1	85.7	86.9	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.8
≥ 2500		64.2	72.5	83.1	87.3	90.0	91.8	93.0	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 2000		65.0	73.5	84.3	88.7	91.4	93.3	94.5	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 1800		65.4	73.9	84.9	89.5	92.2	94.1	95.3	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.5
≥ 1500		66.3	74.8	85.9	90.7	93.4	95.3	96.7	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 1200		67.0	75.6	86.6	91.4	94.1	96.1	97.4	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.6
≥ 1000		67.1	75.7	86.9	91.6	94.3	96.4	97.9	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.4
≥ 900		67.2	75.8	87.0	91.7	94.4	96.5	98.0	98.8	99.2	99.3	99.3	99.4	99.4	99.4	99.5
≥ 800		67.2	75.8	87.1	91.8	94.5	96.6	98.1	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.6
≥ 700		67.2	75.8	87.1	91.8	94.5	96.6	98.3	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 600		67.2	75.8	87.1	91.8	94.5	96.6	98.3	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 500		67.2	75.8	87.1	91.8	94.5	96.6	98.3	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 400		67.2	75.8	87.1	91.8	94.5	96.6	98.3	99.1	99.6	99.7	99.8	99.9	99.9	99.9	100.0
≥ 300		67.2	75.8	87.1	91.8	94.5	96.6	98.3	99.1	99.6	99.7	99.8	99.9	99.9	99.9	100.0
≥ 200		67.2	75.8	87.1	91.8	94.5	96.6	98.3	99.1	99.6	99.7	99.8	99.9	99.9	99.9	100.0
≥ 100		67.2	75.8	87.1	91.8	94.5	96.6	98.3	99.1	99.6	99.7	99.8	99.9	99.9	99.9	100.0
≥ 0		67.2	75.8	87.1	91.8	94.5	96.6	98.3	99.1	99.6	99.7	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 966

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		24.3	25.9	26.9	27.6	28.0	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 20000		36.1	38.0	40.4	41.4	42.0	42.2	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 18000		36.1	38.6	40.4	41.4	42.0	42.2	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 16000		36.1	38.6	40.4	41.4	42.0	42.2	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 14000		36.2	38.7	40.5	41.5	42.1	42.3	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 12000		36.8	39.6	41.4	42.5	43.0	43.2	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 10000		41.0	43.8	45.7	46.8	47.3	47.5	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 9000		43.5	46.3	48.8	50.1	50.6	50.9	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 8000		47.5	50.9	54.0	55.3	55.8	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 7000		49.8	53.4	56.7	58.1	58.7	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000		51.8	55.3	58.6	60.1	60.9	61.2	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 5000		54.5	58.0	61.8	63.4	64.3	64.5	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4500		56.0	59.5	63.4	65.0	65.8	66.1	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4000		60.7	64.3	68.3	70.0	70.8	71.1	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500		67.0	70.7	74.8	76.5	77.3	77.6	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000		75.8	80.1	84.9	86.9	87.8	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500		81.7	86.3	91.3	93.4	94.2	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000		84.2	88.8	93.9	96.3	97.1	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800		84.2	88.8	93.9	96.4	97.2	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500		85.0	89.6	94.7	97.1	98.0	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200		85.1	89.7	94.8	97.3	98.2	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000		85.1	89.7	94.8	97.4	98.3	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		85.2	89.8	94.9	97.6	98.4	99.1	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 800		85.2	89.8	94.9	97.6	98.4	99.1	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 700		85.2	89.8	94.9	97.8	98.6	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600		85.2	89.8	94.9	97.8	98.6	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500		85.2	89.8	94.9	97.8	98.6	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400		85.2	89.8	94.9	97.8	98.6	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300		85.2	89.8	94.9	97.8	98.6	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200		85.2	89.8	94.9	97.8	98.6	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100		85.2	89.8	94.9	97.8	98.6	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
0		85.2	89.8	94.9	97.8	98.6	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 939

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		27.5	28.2	28.9	29.0	29.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 20000		39.9	41.1	42.1	42.2	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 18000		39.9	41.1	42.1	42.2	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 16000		39.9	41.1	42.1	42.2	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 14000		40.1	41.3	42.4	42.5	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 12000		41.7	42.9	43.9	44.0	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 10000		45.4	46.9	47.9	48.0	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 9000		48.1	49.6	50.8	51.1	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 8000		54.3	55.8	57.6	58.0	58.5	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 7000		58.0	59.9	61.7	62.4	62.9	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 6000		60.2	62.1	64.0	64.7	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 5000		64.3	66.3	68.3	69.2	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500		66.9	68.9	70.9	71.8	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4000		72.0	74.5	76.5	77.4	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500		78.4	81.6	83.6	84.5	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000		84.7	88.3	90.8	91.7	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500		89.0	92.7	95.2	96.1	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000		90.3	94.0	96.5	97.4	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800		90.6	94.4	96.9	97.6	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500		90.8	94.6	97.1	98.0	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200		90.9	94.7	97.2	98.1	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000		90.9	94.8	97.4	98.3	99.0	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 900		90.9	94.8	97.4	98.3	99.0	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 800		90.9	94.8	97.4	98.3	99.0	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 700		90.9	94.8	97.4	98.3	99.0	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 600		90.9	94.8	97.4	98.3	99.0	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 500		90.9	94.8	97.4	98.3	99.0	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 400		90.9	94.8	97.4	98.3	99.0	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 300		90.9	94.8	97.4	98.3	99.0	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200		90.9	94.8	97.4	98.3	99.0	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100		90.9	94.8	97.4	98.3	99.0	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0		90.9	94.8	97.4	98.3	99.0	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		32.9	34.2	34.5	35.4	35.7	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 20000		44.9	46.5	47.1	48.0	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 18000		44.9	46.5	47.1	48.0	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 16000		44.9	46.5	47.1	48.0	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 14000		45.2	46.8	47.4	48.3	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 12000		46.5	48.0	48.6	49.5	49.8	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 10000		50.8	52.3	52.9	53.8	54.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 9000		51.7	53.2	54.5	55.4	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 8000		59.1	61.5	63.1	64.0	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 7000		66.8	69.2	71.1	72.0	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000		67.7	70.2	72.3	73.2	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000		71.4	74.2	76.3	77.2	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4500		74.8	77.5	79.7	80.6	80.9	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4000		79.1	82.8	85.2	86.5	86.8	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500		81.5	85.2	87.7	88.9	89.2	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000		85.2	88.9	91.4	92.9	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500		87.7	91.4	93.8	95.4	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000		89.2	92.9	95.4	96.9	97.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800		89.2	92.9	95.4	96.9	97.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500		89.5	93.8	96.3	97.8	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200		89.8	94.2	96.6	98.2	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		89.8	94.2	96.6	98.2	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		89.8	94.2	96.6	98.2	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		89.8	94.2	96.6	98.2	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		89.8	94.2	96.6	98.2	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600		89.8	94.2	96.6	98.2	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		89.8	94.2	96.6	98.2	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		89.8	94.2	96.6	98.2	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300		89.8	94.2	96.6	98.2	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200		89.8	94.2	96.6	98.5	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.8	94.2	96.6	98.5	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		89.8	94.2	96.6	98.5	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 325

USAFETAC FORM AR 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVIS'L
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 68 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 16000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

USAFETAC FORM AA 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-64 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		12.8	18.8	25.6	32.5	35.9	38.5	42.7	43.6	47.0	47.9	47.9	47.9	47.9	47.9	47.9
≥ 20000		13.7	20.5	28.2	35.0	39.3	41.9	47.0	47.9	51.3	52.1	53.8	53.8	54.7	54.7	55.6
≥ 18000		13.7	20.5	28.2	35.0	39.3	41.9	47.0	47.9	51.3	52.1	53.8	53.8	54.7	54.7	55.6
≥ 16000		13.7	20.5	28.2	35.0	39.3	41.9	47.0	47.9	51.3	52.1	53.8	53.8	54.7	54.7	55.6
≥ 14000		13.7	20.5	28.2	35.0	39.3	41.9	47.0	47.9	51.3	52.1	53.8	53.8	54.7	54.7	55.6
≥ 12000		13.7	20.5	28.2	35.0	39.3	41.9	47.0	47.9	51.3	52.1	53.8	53.8	55.6	55.6	56.4
≥ 10000		14.5	21.4	29.1	36.8	41.0	44.4	49.6	50.4	53.8	54.7	56.4	56.4	58.1	58.1	59.0
≥ 9000		14.5	21.4	29.1	36.8	41.0	44.4	49.6	50.4	53.8	54.7	56.4	56.4	58.1	58.1	59.0
≥ 8000		15.4	22.2	32.5	41.0	45.3	48.7	53.8	54.7	58.1	59.0	60.7	60.7	62.4	62.4	63.2
≥ 7000		17.9	24.8	35.0	43.6	47.9	51.3	56.4	57.3	60.7	61.5	63.2	63.2	65.0	65.0	65.8
≥ 6000		17.9	25.6	35.9	44.4	48.7	52.1	57.3	58.1	61.5	62.4	64.1	64.1	65.8	65.8	66.7
≥ 5000		18.8	27.4	37.6	46.2	50.4	53.8	59.0	59.8	63.2	64.1	65.8	65.8	67.5	67.5	68.4
≥ 4500		18.8	27.4	37.6	46.2	50.4	53.8	59.8	60.7	64.1	65.0	66.7	66.7	68.4	68.4	69.2
≥ 4000		19.7	28.2	38.5	47.9	52.1	55.6	62.4	63.2	66.7	67.5	69.2	69.2	70.9	70.9	71.8
≥ 3500		21.4	29.9	40.2	49.6	53.8	57.3	64.1	65.0	68.4	69.2	70.9	70.9	72.6	72.6	73.5
≥ 3000		25.6	35.0	46.2	55.6	59.8	64.1	70.9	71.8	75.2	76.1	77.8	77.8	79.5	79.5	80.3
≥ 2500		26.5	37.6	48.7	58.1	62.4	67.5	76.1	76.9	80.3	82.1	84.6	84.6	86.3	86.3	87.2
≥ 2000		26.5	37.6	49.6	59.0	64.1	69.2	77.8	78.6	82.1	83.8	86.3	86.3	88.0	88.0	88.9
≥ 1800		26.5	37.6	49.6	59.0	64.1	69.2	77.8	78.6	82.1	83.8	86.3	86.3	88.0	88.0	88.9
≥ 1500		26.5	38.5	50.4	59.8	65.0	70.1	79.5	80.3	84.6	86.3	88.9	88.9	90.6	90.6	91.5
≥ 1200		26.5	38.5	50.4	59.8	65.0	70.1	79.5	80.3	84.6	86.3	88.9	88.9	90.6	90.6	91.5
≥ 1000		26.5	38.5	50.4	59.8	65.0	70.1	79.5	80.3	84.6	86.3	88.9	88.9	90.6	90.6	91.5
≥ 900		26.5	38.5	50.4	59.8	65.0	70.1	79.5	80.3	84.6	86.3	88.9	88.9	90.6	90.6	91.5
≥ 800		26.5	38.5	50.4	59.8	65.0	70.1	79.5	80.3	84.6	86.3	88.9	88.9	90.6	90.6	91.5
≥ 700		26.5	38.5	50.4	59.8	65.0	70.1	79.5	80.3	84.6	86.3	88.9	88.9	90.6	90.6	91.5
≥ 600		26.5	38.5	50.4	59.8	65.0	70.1	79.5	80.3	84.6	86.3	88.9	88.9	90.6	90.6	91.5
≥ 500		26.5	38.5	50.4	59.8	65.0	70.1	79.5	80.3	84.6	86.3	88.9	88.9	90.6	90.6	91.5
≥ 400		26.5	38.5	50.4	59.8	65.0	70.1	79.5	80.3	84.6	86.3	88.9	89.7	91.5	91.5	92.3
≥ 300		26.5	38.5	50.4	59.8	65.0	70.1	79.5	80.3	84.6	86.3	88.9	89.7	91.5	91.5	92.3
≥ 200		26.5	38.5	50.4	59.8	65.0	70.1	79.5	80.3	84.6	86.3	88.9	89.7	91.5	91.5	92.3
≥ 100		26.5	38.5	50.4	59.8	65.0	70.1	79.5	80.3	84.6	86.3	88.9	89.7	91.5	91.5	94.9
≥ 0		26.5	38.5	50.4	59.8	65.0	70.1	79.5	80.3	84.6	86.3	88.9	89.7	91.5	91.5	100.0

TOTAL NUMBER OF OBSERVATIONS 117

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		12.5	15.3	18.6	22.[illegible]	23.6	28.0	29.8	30.9	34.4	35.7	36.0	36.7	36.9	37.3	38.2
≥ 20000		14.6	18.9	22.8	26.6	28.2	33.3	35.6	37.6	41.4	43.3	43.7	44.5	45.5	45.9	47.5
≥ 18000		14.6	18.9	22.8	26.6	28.2	33.3	35.6	37.6	41.4	43.3	43.7	44.5	45.5	45.9	47.5
≥ 16000		14.6	18.9	22.8	26.6	28.2	33.3	35.6	37.6	41.4	43.3	43.7	44.5	45.5	45.9	47.5
≥ 14000		14.6	18.9	22.8	26.6	28.2	33.3	35.6	37.6	41.4	43.3	43.7	44.5	45.5	45.9	47.5
≥ 12000		14.6	18.9	22.8	26.6	28.2	33.3	35.6	37.6	41.4	43.3	43.7	44.5	45.6	46.0	47.6
≥ 10000		15.1	19.9	24.2	28.1	29.7	35.3	37.6	39.6	43.6	45.4	45.9	46.7	47.8	48.1	49.7
≥ 9000		16.0	20.8	25.5	29.3	30.9	36.6	39.1	41.4	45.6	47.5	47.9	48.7	49.8	50.2	51.8
≥ 8000		20.0	25.7	31.4	36.0	37.7	43.9	46.5	49.2	53.7	55.6	56.1	56.9	58.0	58.3	59.9
≥ 7000		22.1	28.3	34.3	39.4	41.2	47.7	50.5	53.2	57.8	59.7	60.1	60.9	62.1	62.4	64.0
≥ 6000		22.3	28.7	35.0	40.1	42.2	48.7	51.5	54.4	58.9	60.8	61.3	62.1	63.2	63.5	65.1
≥ 5000		22.8	29.2	35.9	41.3	43.5	50.1	53.0	55.9	60.6	62.5	63.0	63.8	64.9	65.2	66.8
≥ 4500		23.6	30.2	37.0	42.8	45.0	51.5	54.5	57.6	62.3	64.2	64.7	65.5	66.6	66.9	68.5
≥ 4000		24.7	31.6	38.8	44.7	46.9	54.0	57.1	60.2	65.0	67.0	67.5	68.3	69.4	69.8	71.3
≥ 3500		26.7	33.7	41.3	47.8	49.9	57.3	60.5	63.8	68.5	70.6	71.0	71.8	72.9	73.3	74.9
≥ 3000		28.8	36.2	44.2	51.0	53.1	61.0	64.3	67.8	72.7	75.0	75.4	76.3	77.5	77.8	79.4
≥ 2500		29.7	37.5	45.4	52.2	54.8	63.5	67.0	71.0	76.1	78.8	79.3	80.2	81.4	81.8	83.4
≥ 2000		31.0	38.8	47.8	55.3	53.0	66.8	70.3	74.4	79.5	82.2	82.7	83.6	84.8	85.2	86.7
≥ 1800		31.6	39.4	48.4	55.8	58.6	67.4	70.9	75.1	80.2	83.0	83.5	84.4	85.6	86.0	87.5
≥ 1500		31.6	39.4	48.4	56.1	58.8	67.7	71.2	75.9	81.0	84.0	84.5	85.4	86.6	87.0	88.6
≥ 1200		31.6	39.5	48.6	56.4	59.1	68.1	71.6	76.2	81.3	84.5	84.9	86.0	87.2	87.5	89.1
≥ 1000		31.6	39.6	48.7	56.7	59.5	68.6	72.1	76.8	82.0	85.2	85.6	86.6	87.9	88.2	89.8
≥ 900		31.6	39.6	48.7	56.7	59.5	68.6	72.1	76.8	82.0	85.2	85.6	86.6	87.9	88.2	89.8
≥ 800		31.6	39.6	48.7	56.7	59.5	68.7	72.5	77.1	82.6	85.7	86.2	87.2	88.6	88.9	90.5
≥ 700		31.6	39.6	48.7	56.7	59.5	68.7	72.5	77.1	82.8	86.1	86.5	87.7	89.0	89.4	90.9
≥ 600		31.6	39.6	48.7	56.7	59.5	68.7	72.6	77.2	82.9	86.2	86.6	87.8	89.1	89.5	91.2
≥ 500		31.6	39.6	48.7	56.7	59.5	68.7	72.7	77.3	83.0	86.4	86.9	88.1	89.5	89.8	91.8
≥ 400		31.6	39.6	48.7	56.7	59.5	68.7	72.7	77.3	83.0	86.6	87.1	88.4	89.8	90.1	92.5
≥ 300		31.6	39.6	48.7	56.7	59.5	68.7	72.7	77.3	83.0	86.6	87.1	88.4	89.8	90.1	93.1
≥ 200		31.6	39.6	48.7	56.7	59.5	68.7	72.7	77.3	83.0	86.6	87.1	88.4	90.4	90.7	94.8
≥ 100		31.6	39.6	48.7	56.7	59.5	68.7	72.7	77.3	83.0	86.6	87.1	88.4	90.5	90.8	97.3
≥ 0		31.6	39.6	48.7	56.7	59.5	68.7	72.7	77.3	83.0	86.6	87.1	88.4	90.5	90.9	100.0

TOTAL NUMBER OF OBSERVATIONS 883

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/ AC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		17.6	19.7	23.2	26.3	30.4	34.0	36.4	37.2	37.9	38.3	38.4	38.5	38.8	38.8	39.0
≥ 20000		21.8	24.9	29.0	32.6	37.4	41.8	44.9	45.9	46.9	47.4	47.7	47.8	48.2	48.2	48.4
≥ 18000		21.8	24.9	29.0	32.6	37.4	41.8	44.9	45.9	46.9	47.4	47.7	47.8	48.2	48.2	48.4
≥ 16000		21.8	24.9	29.0	32.6	37.4	41.8	44.9	45.9	46.9	47.4	47.7	47.8	48.2	48.2	48.4
≥ 14000		21.8	25.1	29.1	32.7	37.5	41.9	45.0	46.0	47.0	47.6	47.8	47.9	48.3	48.3	48.6
≥ 12000		22.3	25.5	29.6	33.3	38.2	42.5	45.7	46.7	47.7	48.2	48.4	48.6	49.0	49.0	49.2
≥ 10000		23.3	27.1	31.3	35.1	40.0	44.3	47.7	48.8	49.8	50.3	50.6	50.7	51.1	51.1	51.3
≥ 9000		25.2	29.2	33.7	37.8	42.7	47.2	50.8	52.1	53.3	53.9	54.1	54.2	54.7	54.7	54.9
≥ 8000		27.8	32.3	37.5	41.8	46.9	52.1	56.1	57.6	58.9	59.5	59.7	59.8	60.2	60.2	60.5
≥ 7000		29.2	34.4	40.0	44.4	49.8	55.2	59.2	60.7	62.2	62.8	63.0	63.1	63.6	63.6	63.8
≥ 6000		30.3	35.6	41.2	43.7	51.3	56.8	60.8	62.4	64.0	64.6	64.8	64.9	65.4	65.4	65.6
≥ 5000		31.5	37.0	42.7	47.1	52.9	58.5	62.5	64.0	65.7	66.3	66.5	66.6	67.0	67.0	67.3
≥ 4500		32.5	38.1	44.1	48.6	54.3	59.9	63.9	65.5	67.1	67.7	67.9	68.0	68.5	68.5	68.7
≥ 4000		34.5	40.4	46.8	51.2	57.3	63.0	67.0	68.7	70.4	70.9	71.2	71.3	71.7	71.7	71.9
≥ 3500		38.0	44.0	50.8	53.2	61.5	67.6	71.6	73.3	74.9	75.5	75.7	75.8	76.3	76.3	76.5
≥ 3000		40.8	46.9	54.1	58.9	65.4	72.0	76.3	78.4	80.3	80.8	81.1	81.2	81.6	81.6	81.8
≥ 2500		43.5	49.8	57.1	61.9	68.7	75.8	80.5	83.0	84.9	85.5	85.7	85.9	86.3	86.3	86.5
≥ 2000		44.8	51.3	59.1	64.1	70.9	78.1	82.9	85.2	87.2	87.9	88.1	88.3	88.8	88.8	89.0
≥ 1800		44.9	51.6	59.4	64.4	71.2	78.5	83.3	85.7	87.6	88.3	88.6	88.9	89.3	89.3	89.5
≥ 1500		45.2	52.1	59.9	64.9	71.7	79.2	84.2	86.9	88.9	89.5	89.9	90.1	90.5	90.5	90.8
≥ 1200		45.5	52.6	60.5	65.5	72.3	79.7	85.1	87.8	89.8	90.4	90.8	91.0	91.4	91.4	91.6
≥ 1000		45.8	52.9	60.8	65.8	72.7	80.2	85.6	88.3	90.3	91.2	91.5	91.8	92.2	92.2	92.5
≥ 900		45.8	52.9	60.8	65.8	72.9	80.4	85.9	88.5	90.6	91.5	91.9	92.1	92.5	92.5	92.9
≥ 800		45.8	53.0	60.9	65.9	73.2	80.8	86.4	89.4	91.6	92.8	93.2	93.4	93.9	93.9	94.2
≥ 700		45.8	53.0	60.9	65.9	73.3	81.1	86.6	89.6	92.2	93.5	94.0	94.2	94.7	94.7	95.0
≥ 600		45.8	53.0	60.9	65.9	73.4	81.3	87.0	90.1	92.8	94.3	94.9	95.1	95.7	95.7	96.0
≥ 500		45.8	53.0	60.9	65.9	73.4	81.3	87.0	90.1	93.0	94.5	95.1	95.4	96.0	96.1	96.4
≥ 400		45.8	53.0	60.9	65.9	73.4	81.3	87.0	90.1	93.1	94.9	95.5	96.0	96.9	97.0	97.3
≥ 300		45.8	53.0	60.9	66.0	73.6	81.6	87.3	90.4	93.4	95.3	96.0	96.5	97.8	97.9	98.6
≥ 200		45.8	53.0	60.9	66.0	73.6	81.6	87.3	90.4	93.4	95.3	96.0	96.5	98.0	98.2	99.4
≥ 100		45.8	53.0	60.9	66.0	73.6	81.6	87.3	90.4	93.4	95.3	96.0	96.5	98.0	98.2	99.7
≥ 0		45.8	53.0	60.9	66.0	73.6	81.6	87.3	90.4	93.4	95.3	96.0	96.5	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 898

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEAR) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		22.5	24.4	28.5	30.4	32.5	34.6	35.3	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 20000		30.2	33.0	38.4	41.1	43.9	46.3	47.2	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 18000		30.2	33.0	38.4	41.1	43.9	46.3	47.2	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 16000		30.2	33.0	38.4	41.1	43.9	46.3	47.2	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 14000		30.2	32.0	38.4	41.1	43.9	46.4	47.3	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 12000		30.7	33.4	38.8	41.6	44.3	46.8	47.8	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 10000		32.2	35.1	40.7	43.4	46.4	48.9	49.8	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9000		33.6	36.9	42.7	45.6	48.6	51.1	52.0	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 8000		38.1	41.7	47.8	50.7	54.0	56.5	57.5	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000		40.5	44.4	50.5	53.5	56.7	59.6	60.6	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 6000		42.2	46.0	52.1	55.1	58.3	61.3	62.3	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 5000		44.7	48.0	54.6	57.6	60.8	63.8	64.8	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4500		46.2	50.1	56.1	59.1	62.3	65.3	66.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4000		48.6	52.5	58.8	61.7	64.9	67.9	69.2	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 3500		52.5	56.6	63.5	66.9	70.3	73.3	74.7	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000		60.0	64.6	72.5	76.2	79.7	83.0	84.4	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2500		65.6	70.7	78.5	82.8	86.8	90.3	91.6	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000		67.2	72.3	80.6	84.8	88.8	92.2	93.6	93.9	94.3	94.5	94.6	94.6	94.6	94.6	94.6
≥ 1800		67.4	72.4	80.8	84.9	88.9	92.3	93.8	94.2	94.5	94.7	94.8	94.8	94.8	94.8	94.8
≥ 1500		67.8	72.9	81.3	85.6	89.6	93.0	94.6	95.0	95.3	95.6	95.8	95.8	95.8	95.8	95.8
≥ 1200		68.4	73.4	81.9	86.1	90.3	93.7	95.4	95.9	96.2	96.6	96.7	96.7	96.8	96.8	96.8
≥ 1000		68.7	73.8	82.2	86.5	90.8	94.3	96.1	96.6	97.0	97.5	97.6	97.6	97.7	97.7	97.7
≥ 900		68.7	73.8	82.2	86.6	91.0	94.5	96.4	96.9	97.4	97.8	97.9	97.9	98.1	98.1	98.1
≥ 800		68.7	73.8	82.4	86.7	91.1	94.6	96.7	97.1	97.5	98.4	98.5	98.5	98.6	98.6	98.6
≥ 700		68.7	73.8	82.4	86.7	91.1	94.7	96.5	97.2	98.1	98.6	98.7	98.7	98.9	98.9	98.9
≥ 600		68.7	73.9	82.5	86.8	91.2	94.8	97.1	97.6	98.5	99.2	99.3	99.3	99.4	99.4	99.4
≥ 500		68.7	73.9	82.5	86.8	91.2	94.8	97.3	97.8	98.9	99.5	99.7	99.7	99.8	99.8	99.8
≥ 400		68.7	73.9	82.5	86.8	91.2	94.8	97.5	98.1	99.1	99.8	99.9	99.9	100.0	100.0	100.0
≥ 300		68.7	73.9	82.5	86.8	91.2	94.8	97.5	98.1	99.1	99.8	99.9	99.9	100.0	100.0	100.0
≥ 200		68.7	73.9	82.5	86.8	91.2	94.8	97.5	98.1	99.1	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100		68.7	73.9	82.5	86.8	91.2	94.8	97.5	98.1	99.1	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0		68.7	73.9	82.5	86.8	91.2	94.8	97.5	98.1	99.1	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 873

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		31.6	33.6	37.8	38.5	38.6	38.7	38.8	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 20000		39.8	42.7	47.9	48.9	49.5	49.8	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 18000		39.8	42.7	47.9	48.9	49.5	49.8	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 16000		39.8	42.7	47.9	48.9	49.5	49.8	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 14000		39.9	42.8	48.0	49.0	49.6	49.9	50.1	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 12000		40.9	43.9	49.1	50.1	50.7	51.0	51.1	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 10000		43.1	46.3	51.5	52.7	53.3	53.6	53.7	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 9000		45.1	48.6	54.0	55.3	53.9	56.3	56.4	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 8000		50.7	54.2	59.5	61.2	62.1	62.6	62.7	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000		54.4	58.0	63.3	65.0	66.0	66.9	67.0	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 6000		56.2	59.8	65.1	66.7	67.8	68.6	68.8	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 5000		58.5	62.1	67.5	69.1	70.2	71.0	71.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500		61.2	64.9	70.2	71.8	72.9	73.8	74.0	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4000		64.7	68.5	73.8	75.5	76.6	77.6	77.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500		68.0	72.0	77.9	79.9	80.9	82.0	82.1	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000		74.0	78.0	84.6	86.6	87.7	89.0	89.1	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500		77.8	82.0	89.2	91.5	92.7	94.0	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000		78.8	83.1	90.3	92.5	93.8	95.1	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800		79.4	83.8	91.0	93.3	94.7	96.0	96.1	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500		79.8	84.5	92.0	94.2	95.6	97.0	97.3	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200		80.1	84.9	92.3	94.6	96.1	97.5	97.8	98.5	98.7	98.7	98.7	98.7	98.9	98.9	98.9
≥ 1000		80.2	85.0	92.4	94.7	96.2	97.6	97.9	98.6	98.9	98.9	98.9	98.9	99.2	99.2	99.2
≥ 900		80.2	85.0	92.4	94.7	96.2	97.6	97.9	98.6	98.9	98.9	98.9	98.9	99.2	99.2	99.2
≥ 800		80.2	85.0	92.4	94.7	96.2	97.6	97.9	98.7	99.1	99.1	99.1	99.2	99.4	99.4	99.4
≥ 700		80.2	85.0	92.4	94.7	96.2	97.6	97.9	98.7	99.1	99.1	99.1	99.2	99.4	99.4	99.4
≥ 600		80.5	85.2	92.7	94.9	96.4	97.9	98.1	98.9	99.3	99.3	99.3	99.4	99.6	99.6	99.6
≥ 500		80.5	85.2	92.7	94.9	96.4	97.9	98.1	98.9	99.3	99.3	99.3	99.4	99.6	99.6	99.6
≥ 400		80.5	85.2	92.7	94.9	96.4	97.9	98.1	98.9	99.4	99.5	99.6	99.8	100.0	100.0	100.0
≥ 300		80.5	85.2	92.7	94.9	96.4	97.9	98.1	98.9	99.4	99.5	99.6	99.8	100.0	100.0	100.0
≥ 200		80.5	85.2	92.7	94.9	96.4	97.9	98.1	98.9	99.4	99.5	99.6	99.8	100.0	100.0	100.0
≥ 100		80.5	85.2	92.7	94.9	96.4	97.9	98.1	98.9	99.4	99.5	99.6	99.8	100.0	100.0	100.0
≥ 0		80.5	85.2	92.7	94.9	96.4	97.9	98.1	98.9	99.4	99.5	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 845

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		29.6	33.1	35.7	37.9	38.9	40.1	41.1	41.4	42.0	42.7	43.0	43.0	43.0	43.0	43.0
≥ 20000		38.5	42.4	45.9	49.4	50.6	51.9	53.5	54.1	54.8	55.4	55.7	55.7	55.7	55.7	55.7
≥ 18000		38.5	42.4	45.9	49.4	50.6	51.9	53.5	54.1	54.8	55.4	55.7	55.7	55.7	55.7	55.7
≥ 16000		38.5	42.4	45.9	49.4	50.6	51.9	53.5	54.1	54.8	55.4	55.7	55.7	55.7	55.7	55.7
≥ 14000		38.5	42.7	46.2	49.7	51.0	52.2	53.8	54.5	55.1	55.7	56.1	56.1	56.1	56.1	56.1
≥ 12000		39.2	43.3	46.8	50.3	51.6	52.9	54.5	55.1	55.7	56.4	56.7	56.7	56.7	56.7	56.7
≥ 10000		40.8	45.5	49.0	52.5	53.8	55.4	57.0	57.6	58.3	58.9	59.2	59.2	59.2	59.2	59.2
≥ 9000		42.7	47.5	51.3	54.8	56.1	57.6	59.2	59.9	60.5	61.1	61.5	61.5	61.5	61.5	61.5
≥ 8000		45.9	51.0	54.8	58.3	59.6	61.1	62.7	63.4	64.0	64.6	65.0	65.0	65.0	65.0	65.0
≥ 7000		49.7	55.1	58.9	62.4	63.7	65.3	66.9	67.5	68.2	68.8	69.1	69.1	69.1	69.1	69.1
≥ 6000		54.1	59.9	63.7	67.2	68.6	70.7	72.3	72.9	73.6	74.2	74.5	74.5	74.5	74.5	74.5
≥ 5000		57.0	62.7	66.6	70.1	71.7	73.6	75.2	75.8	76.4	77.1	77.4	77.4	77.4	77.4	77.4
≥ 4500		55.6	64.6	68.5	72.0	73.6	75.5	77.1	77.7	78.3	79.0	79.3	79.3	79.3	79.3	79.3
≥ 4000		62.1	68.2	72.3	75.8	77.4	79.3	80.9	81.5	82.2	82.8	83.1	83.1	83.1	83.1	83.1
≥ 3500		65.6	71.7	75.8	79.6	81.5	83.4	85.0	85.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3
≥ 3000		71.0	77.4	81.8	85.7	87.6	89.5	91.1	91.7	92.4	93.0	93.3	93.3	93.3	93.3	93.3
≥ 2500		73.2	80.3	84.7	88.5	90.4	92.7	94.3	95.2	95.9	96.5	96.8	96.8	96.5	96.8	96.8
≥ 2000		73.6	80.6	85.4	89.2	91.1	93.9	95.5	96.5	97.1	97.8	98.1	98.1	98.1	98.1	98.1
≥ 1800		74.2	81.2	86.0	89.6	91.7	94.6	96.2	97.1	97.8	98.4	98.7	98.7	98.7	98.7	98.7
≥ 1500		74.2	81.2	86.3	90.1	92.0	94.9	96.5	97.5	98.1	98.7	99.0	99.0	99.0	99.0	99.0
≥ 1200		74.5	81.8	86.9	90.8	92.7	95.5	97.1	98.1	98.7	99.4	99.7	99.7	99.7	99.7	99.7
≥ 1000		74.5	81.8	86.9	90.8	92.7	95.5	97.1	98.1	98.7	99.4	99.7	99.7	99.7	99.7	99.7
≥ 900		74.5	81.8	86.9	90.8	92.7	95.5	97.1	98.1	98.7	99.4	99.7	99.7	99.7	99.7	99.7
≥ 800		74.5	81.8	86.9	90.8	92.7	95.5	97.1	98.1	98.7	99.4	99.7	99.7	99.7	99.7	99.7
≥ 700		74.5	81.8	86.9	90.8	92.7	95.5	97.1	98.1	98.7	99.4	99.7	99.7	99.7	99.7	99.7
≥ 600		74.5	81.8	86.9	90.8	92.7	95.5	97.1	98.1	98.7	99.4	99.7	99.7	99.7	99.7	99.7
≥ 500		74.5	81.8	86.9	90.8	92.7	95.5	97.1	98.1	98.7	99.4	99.7	99.7	99.7	99.7	99.7
≥ 400		74.5	81.8	86.9	90.8	92.7	95.5	97.1	98.1	98.7	99.4	99.7	99.7	100.0	100.0	100.0
≥ 300		74.5	81.8	86.9	90.8	92.7	95.5	97.1	98.1	98.7	99.4	99.7	99.7	100.0	100.0	100.0
≥ 200		74.5	81.8	86.9	90.8	92.7	95.5	97.1	98.1	98.7	99.4	99.7	99.7	100.0	100.0	100.0
≥ 100		74.5	81.8	86.9	90.8	92.7	95.5	97.1	98.1	98.7	99.4	99.7	99.7	100.0	100.0	100.0
≥ 0		74.5	81.8	86.9	90.8	92.7	95.5	97.1	98.1	98.7	99.4	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 314

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-68 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING				50.0	50.0	50.0	50.0	50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 20000				50.0	50.0	50.0	50.0	50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 18000				50.0	50.0	50.0	50.0	50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 16000				50.0	50.0	50.0	50.0	50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 14000				50.0	50.0	50.0	50.0	50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 12000				50.0	50.0	50.0	50.0	50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10000			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0			25.0	75.0	75.0	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4

USAFETAC FORM JUL 64 0-11-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-64 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		8.0	11.0	21.0	21.0	24.0	26.0	28.0	29.0	33.0	33.0	33.0	33.0	34.0	34.0	35.0
≥ 20000		8.0	11.0	21.0	21.0	24.0	27.0	30.0	31.0	35.0	36.0	36.0	36.0	38.0	38.0	42.0
≥ 18000		8.0	11.0	21.0	21.0	24.0	27.0	30.0	31.0	35.0	36.0	36.0	36.0	38.0	38.0	42.0
≥ 16000		8.0	11.0	21.0	21.0	24.0	27.0	30.0	31.0	35.0	36.0	36.0	36.0	38.0	38.0	42.0
≥ 14000		8.0	11.0	21.0	21.0	24.0	27.0	30.0	31.0	35.0	36.0	36.0	36.0	38.0	38.0	42.0
≥ 12000		8.0	11.0	21.0	21.0	24.0	27.0	30.0	31.0	35.0	36.0	36.0	36.0	38.0	38.0	42.0
≥ 10000		8.0	11.0	21.0	21.0	24.0	27.0	31.0	32.0	36.0	37.0	37.0	37.0	39.0	39.0	43.0
≥ 9000		9.0	12.0	22.0	22.0	25.0	28.0	32.0	33.0	37.0	38.0	38.0	38.0	40.0	40.0	44.0
≥ 8000		10.0	13.0	25.0	25.0	28.0	31.0	37.0	39.0	43.0	44.0	44.0	44.0	46.0	46.0	50.0
≥ 7000		11.0	14.0	28.0	28.0	31.0	34.0	41.0	44.0	48.0	49.0	49.0	49.0	51.0	51.0	55.0
≥ 6000		11.0	14.0	28.0	28.0	31.0	34.0	41.0	44.0	48.0	49.0	49.0	49.0	51.0	51.0	55.0
≥ 5000		12.0	16.0	30.0	31.0	34.0	37.0	45.0	48.0	52.0	53.0	53.0	53.0	55.0	55.0	59.0
≥ 4500		12.0	16.0	30.0	31.0	34.0	37.0	45.0	48.0	52.0	53.0	53.0	53.0	55.0	55.0	59.0
≥ 4000		13.0	17.0	31.0	32.0	35.0	38.0	46.0	49.0	53.0	54.0	54.0	54.0	56.0	56.0	60.0
≥ 3500		13.0	18.0	32.0	33.0	36.0	39.0	47.0	50.0	54.0	55.0	55.0	55.0	57.0	57.0	61.0
≥ 3000		15.0	21.0	36.0	37.0	40.0	43.0	53.0	56.0	60.0	61.0	61.0	61.0	63.0	63.0	67.0
≥ 2500		18.0	27.0	43.0	45.0	48.0	51.0	61.0	64.0	68.0	70.0	70.0	70.0	72.0	72.0	76.0
≥ 2000		20.0	29.0	45.0	47.0	50.0	53.0	63.0	68.0	72.0	74.0	74.0	74.0	76.0	76.0	80.0
≥ 1800		20.0	29.0	45.0	47.0	50.0	53.0	65.0	68.0	72.0	74.0	74.0	74.0	76.0	76.0	80.0
≥ 1500		20.0	29.0	45.0	47.0	50.0	53.0	66.0	69.0	73.0	75.0	75.0	75.0	77.0	77.0	81.0
≥ 1200		20.0	29.0	45.0	47.0	50.0	53.0	68.0	71.0	75.0	77.0	77.0	77.0	79.0	79.0	83.0
≥ 1000		20.0	29.0	45.0	47.0	50.0	53.0	68.0	71.0	75.0	77.0	77.0	77.0	79.0	79.0	83.0
≥ 900		20.0	29.0	45.0	47.0	50.0	53.0	68.0	71.0	75.0	77.0	77.0	77.0	79.0	79.0	83.0
≥ 800		20.0	29.0	45.0	47.0	50.0	53.0	68.0	71.0	76.0	78.0	78.0	78.0	80.0	80.0	84.0
≥ 700		20.0	30.0	46.0	48.0	51.0	56.0	69.0	72.0	77.0	79.0	79.0	79.0	81.0	81.0	85.0
≥ 600		20.0	30.0	46.0	48.0	51.0	57.0	70.0	73.0	78.0	81.0	81.0	81.0	83.0	83.0	87.0
≥ 500		20.0	30.0	46.0	48.0	51.0	57.0	70.0	73.0	78.0	81.0	81.0	81.0	83.0	83.0	87.0
≥ 400		20.0	30.0	46.0	48.0	51.0	57.0	70.0	73.0	78.0	81.0	81.0	81.0	83.0	83.0	87.0
≥ 300		20.0	30.0	46.0	48.0	51.0	57.0	70.0	73.0	78.0	82.0	82.0	82.0	84.0	84.0	89.0
≥ 200		20.0	30.0	46.0	48.0	51.0	57.0	70.0	73.0	78.0	82.0	82.0	82.0	85.0	85.0	93.0
≥ 100		20.0	30.0	46.0	48.0	51.0	57.0	70.0	73.0	78.0	82.0	82.0	82.0	85.0	85.0	93.0
≥ 0		20.0	30.0	46.0	48.0	51.0	57.0	70.0	73.0	78.0	82.0	82.0	82.0	85.0	85.0	100.0

TOTAL NUMBER OF OBSERVATIONS 100

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR(S))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		6.3	8.0	10.6	11.8	13.3	16.7	18.0	18.7	20.1	21.1	21.2	21.9	22.5	22.6	23.6
≥ 20000		7.3	9.7	12.4	13.6	15.4	19.4	20.9	21.6	23.3	24.2	24.6	25.5	26.7	26.9	29.5
≥ 18000		7.3	9.7	12.4	13.6	15.4	19.4	20.9	21.6	23.3	24.2	24.6	25.5	26.7	26.9	29.5
≥ 16000		7.3	9.7	12.4	13.6	15.4	19.4	20.9	21.6	23.3	24.2	24.6	25.5	26.7	26.9	29.5
≥ 14000		7.3	9.7	12.4	13.6	15.4	19.4	20.9	21.6	23.3	24.2	24.6	25.5	26.7	26.9	29.5
≥ 12000		7.4	9.8	12.6	13.5	15.5	19.5	21.0	21.7	23.4	24.2	24.7	25.8	27.0	27.1	29.7
≥ 10000		8.6	11.1	14.1	15.3	17.0	21.2	22.6	23.5	25.2	26.3	26.6	27.8	29.0	29.1	31.8
≥ 9000		9.9	12.8	16.4	17.8	19.5	23.9	25.4	26.4	28.2	29.4	29.7	31.0	32.2	32.3	34.9
≥ 8000		13.1	16.8	21.2	22.9	25.0	29.4	31.0	32.1	33.8	35.0	35.5	36.8	38.1	38.2	40.9
≥ 7000		14.3	18.2	23.5	25.4	27.7	32.4	34.2	35.4	37.2	38.5	39.0	40.3	41.6	41.7	44.5
≥ 6000		14.4	18.3	24.0	26.3	28.8	33.5	35.3	36.5	38.3	39.6	40.1	41.5	42.8	42.9	45.7
≥ 5000		15.8	20.2	26.1	28.5	31.1	36.1	38.1	39.3	41.2	42.5	42.9	44.3	45.7	45.9	48.7
≥ 4500		16.5	20.9	26.7	29.1	31.8	36.9	39.0	40.3	42.0	43.3	43.8	45.3	46.7	46.8	49.9
≥ 4000		17.6	22.4	28.6	31.3	34.0	39.2	41.3	42.5	44.3	45.6	46.1	47.8	49.2	49.3	52.4
≥ 3500		19.4	24.6	31.1	34.0	36.7	42.0	44.1	45.3	47.2	48.5	48.9	50.7	52.1	52.2	55.2
≥ 3000		21.4	26.6	33.4	36.4	39.6	45.6	48.3	49.5	51.3	52.7	53.3	55.1	56.6	56.7	59.8
≥ 2500		24.3	30.2	37.6	40.8	44.4	51.0	53.9	55.3	57.4	58.8	59.4	61.2	62.7	62.8	65.9
≥ 2000		25.4	31.6	39.2	42.7	46.4	53.9	57.1	58.7	60.8	62.4	63.0	64.8	66.3	66.4	69.5
≥ 1800		25.8	32.3	40.1	43.6	47.3	54.8	58.0	59.6	61.7	63.3	63.9	65.7	67.1	67.2	70.4
≥ 1500		26.3	33.1	41.0	44.7	48.5	56.3	59.7	61.6	64.1	65.8	66.5	68.3	69.8	69.9	73.1
≥ 1200		26.9	33.7	41.7	45.5	49.5	57.4	61.2	63.1	65.6	67.5	68.2	70.1	71.5	71.6	74.9
≥ 1000		27.0	34.1	42.0	45.9	49.8	58.2	62.1	64.2	66.9	68.9	69.7	71.6	73.1	73.3	76.7
≥ 900		27.0	34.1	42.0	45.9	49.8	58.3	62.2	64.3	67.2	69.2	70.1	72.1	73.6	73.7	77.2
≥ 800		27.1	34.2	42.1	46.0	49.9	58.4	62.3	64.5	68.0	70.0	70.9	72.8	74.3	74.5	78.1
≥ 700		27.1	34.2	42.1	46.0	49.9	58.4	62.4	64.7	68.6	70.5	71.5	73.5	75.0	75.1	78.7
≥ 600		27.1	34.2	42.1	46.0	49.9	58.6	62.7	65.0	68.8	70.7	71.7	74.0	75.5	75.7	79.3
≥ 500		27.1	34.3	42.2	46.2	50.1	58.8	63.0	65.5	69.4	71.5	72.6	75.0	76.9	77.0	80.9
≥ 400		27.1	34.3	42.2	46.2	50.1	58.8	63.0	65.5	69.4	71.6	73.0	75.4	77.3	77.5	81.4
≥ 300		27.1	34.3	42.2	46.2	50.1	58.8	63.0	65.5	69.4	71.6	73.3	75.7	78.4	78.7	83.7
≥ 200		27.1	34.3	42.2	46.2	50.1	58.8	63.0	65.5	69.7	71.8	73.5	76.0	79.0	79.9	87.7
≥ 100		27.1	34.3	42.2	46.2	50.1	58.8	63.0	65.5	69.7	71.9	73.6	76.1	79.3	80.1	94.0
≥ 0		27.1	34.3	42.2	46.2	50.1	58.8	63.0	65.5	69.7	71.9	73.6	76.1	79.3	80.1	100.0

TOTAL NUMBER OF OBSERVATIONS 916

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		6.8	7.6	10.1	11.1	12.8	15.5	17.4	18.0	19.2	20.3	20.6	20.7	20.9	20.9	21.5
≥ 20000		9.5	10.7	14.2	15.4	17.5	20.3	22.4	23.3	24.7	26.0	26.5	26.7	27.4	27.4	28.2
≥ 18000		9.5	10.7	14.2	15.4	17.5	20.3	22.4	23.3	24.7	26.0	26.5	26.7	27.4	27.4	28.2
≥ 16000		9.5	10.7	14.2	15.4	17.5	20.3	22.4	23.3	24.7	26.0	26.5	26.7	27.4	27.4	28.2
≥ 14000		9.5	10.7	14.2	15.4	17.5	20.3	22.4	23.3	24.7	26.0	26.5	26.7	27.4	27.4	28.2
≥ 12000		9.9	11.2	14.6	15.8	17.9	20.7	22.8	23.7	25.2	26.4	26.9	27.2	27.8	27.8	28.6
≥ 10000		12.9	14.6	18.2	19.4	21.5	24.4	26.5	27.6	29.2	30.5	31.1	31.3	31.9	31.9	32.7
≥ 9000		14.3	16.4	20.6	21.9	24.0	27.1	29.2	30.3	31.9	33.3	33.9	34.1	34.7	34.7	35.6
≥ 8000		16.5	19.2	24.0	25.5	28.0	31.3	33.6	34.7	36.7	38.3	39.2	39.4	40.2	40.2	41.3
≥ 7000		18.4	21.4	26.4	28.1	30.7	34.3	36.7	38.0	40.1	41.7	42.5	42.7	43.7	43.7	44.7
≥ 6000		18.5	21.6	26.6	28.3	30.9	34.7	37.2	38.4	40.7	42.5	43.4	43.6	44.5	44.5	45.6
≥ 5000		20.2	23.5	28.6	30.4	33.4	37.5	40.0	41.4	43.9	45.7	46.6	46.8	47.9	47.9	48.9
≥ 4500		21.1	24.6	29.8	31.7	34.6	38.7	41.3	42.6	45.2	46.9	47.9	48.1	49.3	49.3	50.3
≥ 4000		22.0	25.8	31.8	33.8	37.2	41.4	43.9	45.3	47.9	49.7	50.8	51.1	52.2	52.2	53.4
≥ 3500		24.1	28.3	34.3	36.7	40.2	44.5	47.2	48.6	51.3	53.1	54.2	54.5	55.7	55.7	56.8
≥ 3000		26.7	31.3	38.0	41.5	45.2	49.8	52.9	54.6	57.4	59.3	60.6	61.1	62.2	62.2	63.4
≥ 2500		30.2	34.9	42.0	46.1	50.0	55.1	58.6	60.8	63.7	65.6	66.9	67.4	68.5	68.5	69.7
≥ 2000		31.4	36.1	44.0	48.2	52.1	57.7	61.3	63.7	66.7	68.6	70.0	70.5	71.7	71.7	72.8
≥ 1800		31.8	36.5	44.4	48.6	52.5	58.1	61.7	64.1	67.3	69.2	70.5	71.1	72.2	72.2	73.4
≥ 1500		32.5	37.4	45.5	49.8	53.7	59.9	63.5	66.0	69.6	71.5	72.8	73.4	74.5	74.5	75.7
≥ 1200		32.9	38.1	46.2	50.7	54.9	61.7	65.5	68.0	71.7	73.6	74.9	75.5	76.7	76.7	78.0
≥ 1000		33.4	38.5	46.6	51.2	55.6	62.8	66.9	69.5	73.4	75.5	76.8	77.4	78.7	78.7	80.0
≥ 900		33.5	38.6	46.7	51.3	56.1	63.4	67.5	70.3	74.3	76.4	77.8	78.3	79.7	79.7	80.9
≥ 800		33.5	38.6	46.7	51.3	56.1	63.4	67.8	70.7	75.4	77.6	79.1	79.6	80.9	80.9	82.2
≥ 700		33.5	38.6	46.7	51.3	56.1	63.6	68.0	71.2	75.8	78.1	79.6	80.1	81.6	81.6	82.8
≥ 600		33.5	38.6	46.7	51.4	56.2	63.8	68.2	71.5	76.1	78.4	79.9	80.4	82.0	82.0	83.3
≥ 500		33.5	38.6	46.7	51.4	56.2	63.9	68.3	71.7	76.6	79.4	80.8	81.4	83.4	83.4	84.6
≥ 400		33.5	38.6	46.7	51.5	56.3	64.0	68.4	71.8	76.8	79.6	81.6	82.9	85.6	85.8	87.4
≥ 300		33.5	38.6	46.7	51.5	56.3	64.0	68.4	71.9	76.9	80.0	82.0	83.5	87.5	87.7	90.9
≥ 200		33.5	38.6	46.7	51.5	56.3	64.0	68.4	71.9	76.9	80.0	82.0	83.5	88.1	88.5	93.9
≥ 100		33.5	38.6	46.7	51.5	56.3	64.0	68.4	71.9	76.9	80.0	82.0	83.5	88.2	88.7	98.0
0		33.5	38.6	46.7	51.5	56.3	64.0	68.4	71.9	76.9	80.0	82.0	83.5	88.2	88.7	100.0

TOTAL NUMBER OF OBSERVATIONS 980

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR - L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		11.3	13.7	18.9	20.3	22.6	24.0	26.0	26.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 20000		17.2	19.9	25.9	27.3	30.1	32.9	34.2	35.3	36.6	36.7	36.8	36.8	36.9	36.9	36.9
≥ 18000		17.2	19.9	25.8	27.3	30.1	32.9	34.2	35.3	36.6	36.7	36.8	36.8	36.9	36.9	36.9
≥ 16000		17.2	19.9	25.8	27.3	30.1	32.9	34.2	35.3	36.6	36.7	36.8	36.8	36.9	36.9	36.9
≥ 14000		17.2	19.9	25.8	27.3	30.1	32.9	34.2	35.3	36.6	36.7	36.8	36.8	36.9	36.9	36.9
≥ 12000		17.2	19.9	25.8	27.3	30.1	32.9	34.2	35.3	36.6	36.7	36.8	36.8	36.9	36.9	36.9
≥ 10000		19.8	22.6	28.9	30.3	33.1	35.9	37.2	38.3	39.6	39.7	39.8	39.8	40.0	40.0	40.0
≥ 9000		21.5	24.3	31.1	32.7	35.7	38.9	40.2	41.3	42.6	42.7	42.8	42.8	42.9	42.9	42.9
≥ 8000		24.3	27.6	34.7	36.4	39.7	43.1	44.6	45.7	47.1	47.3	47.4	47.4	47.6	47.6	47.6
≥ 7000		26.8	30.2	37.5	39.1	42.8	46.3	47.9	49.2	50.6	51.0	51.4	51.4	51.5	51.5	51.5
≥ 6000		27.5	30.9	38.2	39.8	43.5	47.0	48.6	49.9	51.4	51.8	52.1	52.1	52.2	52.2	52.2
≥ 5000		29.2	32.7	40.9	42.6	46.3	49.8	51.5	52.9	54.3	54.7	55.0	55.0	55.2	55.2	55.2
≥ 4500		30.5	34.1	42.6	44.5	48.2	51.8	53.4	54.9	56.4	56.8	57.1	57.1	57.2	57.2	57.2
≥ 4000		31.9	35.6	44.2	46.4	50.2	53.7	55.4	57.0	58.4	58.8	59.2	59.2	59.3	59.3	59.3
≥ 3500		34.0	37.9	47.2	49.6	53.5	57.2	58.8	60.5	61.9	62.3	62.6	62.6	62.8	62.8	62.8
≥ 3000		39.4	43.9	53.6	56.2	60.3	64.1	66.0	67.9	69.5	70.4	70.7	70.8	71.0	71.0	71.0
≥ 2500		44.5	49.1	59.2	62.3	66.7	70.8	73.0	75.0	76.8	77.6	78.0	78.1	78.3	78.3	78.3
≥ 2000		46.1	51.0	62.1	65.3	69.7	73.8	76.0	78.1	79.8	80.7	81.1	81.2	81.4	81.4	81.4
≥ 1800		47.1	52.0	63.1	66.2	70.9	75.1	77.4	79.6	81.4	82.3	82.7	82.8	83.1	83.1	83.1
≥ 1500		47.8	53.0	64.2	67.5	72.2	76.8	79.2	81.7	83.9	84.9	85.3	85.6	85.8	85.8	85.8
≥ 1200		48.5	53.9	65.3	68.8	74.4	79.4	81.9	84.4	86.6	87.7	88.2	88.4	88.6	88.6	88.6
≥ 1000		48.6	54.0	65.4	69.1	74.9	80.5	83.1	85.8	88.6	89.6	90.0	90.2	90.4	90.4	90.4
≥ 900		48.8	54.1	65.5	69.2	75.1	80.9	83.7	87.2	90.2	91.2	91.6	91.9	92.1	92.1	92.1
≥ 800		48.8	54.1	65.5	69.3	75.5	81.2	84.1	87.6	91.1	92.2	92.6	92.8	93.1	93.1	93.1
≥ 700		48.8	54.1	65.5	69.4	75.6	81.3	84.3	87.8	91.7	93.4	93.8	94.0	94.2	94.2	94.2
≥ 600		48.8	54.1	65.6	69.5	75.7	81.5	84.6	88.2	92.5	94.6	95.1	95.3	95.5	95.5	95.5
≥ 500		48.8	54.1	65.6	69.5	75.8	81.7	84.7	88.3	93.3	95.5	96.1	96.5	97.0	97.0	97.1
≥ 400		48.8	54.1	65.6	69.5	75.8	81.7	84.7	88.3	93.3	95.8	96.3	97.4	98.3	98.3	98.4
≥ 300		48.8	54.1	65.6	69.5	75.8	81.7	84.7	88.3	93.3	95.8	96.3	97.7	99.3	99.3	99.5
≥ 200		48.8	54.1	65.6	69.5	75.8	81.7	84.7	88.3	93.3	95.8	96.3	97.7	99.5	99.5	99.9
≥ 100		48.8	54.1	65.6	69.5	75.8	81.7	84.7	88.3	93.3	95.8	96.3	97.7	99.5	99.5	100.0
≥ 0		48.8	54.1	65.6	69.5	75.8	81.7	84.7	88.3	93.3	95.8	96.3	97.7	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 921

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		17.8	19.2	24.8	25.3	26.7	28.8	29.3	29.8	30.2	30.7	30.7	30.8	30.9	30.9	30.9
≥ 20000		24.3	26.0	32.9	33.6	35.8	38.4	39.3	40.2	41.2	41.9	41.9	42.2	42.4	42.4	42.4
≥ 18000		24.3	26.0	32.9	33.6	35.8	38.4	39.3	40.2	41.2	41.9	41.9	42.2	42.4	42.4	42.4
≥ 16000		24.3	26.0	32.9	33.6	35.8	38.4	39.3	40.2	41.2	41.9	41.9	42.2	42.4	42.4	42.4
≥ 14000		24.3	26.0	32.9	33.6	35.8	38.4	39.3	40.2	41.2	41.9	41.9	42.2	42.4	42.4	42.4
≥ 12000		24.4	26.1	33.0	33.7	36.0	38.5	39.4	40.3	41.3	42.0	42.0	42.4	42.5	42.5	42.5
≥ 10000		27.0	28.7	35.7	36.5	38.9	41.5	42.4	43.3	44.3	44.9	44.9	45.3	45.4	45.4	45.4
≥ 9000		29.4	31.1	38.2	39.1	41.5	44.2	45.1	46.1	47.1	47.8	47.8	48.1	48.2	48.2	48.2
≥ 8000		32.6	34.7	42.1	43.1	45.5	48.3	49.2	50.2	51.2	51.9	51.9	52.2	52.4	52.4	52.4
≥ 7000		36.3	38.4	46.1	47.4	50.0	53.1	54.4	55.5	56.5	57.2	57.2	57.6	57.8	57.8	57.8
≥ 6000		37.3	39.4	47.1	48.4	51.1	54.3	55.5	56.7	57.8	58.4	58.4	58.9	59.0	59.0	59.0
≥ 5000		38.8	41.2	49.3	50.7	53.4	56.6	58.1	59.3	60.3	61.1	61.1	61.6	61.7	61.7	61.7
≥ 4500		40.2	42.7	51.1	52.6	55.3	58.5	60.0	61.2	62.2	63.0	63.0	63.5	63.6	63.6	63.6
≥ 4000		43.0	45.6	54.0	55.6	58.3	61.6	63.3	64.6	65.8	66.7	66.7	67.2	67.3	67.3	67.3
≥ 3500		46.4	49.4	58.1	59.7	62.4	65.6	67.4	68.8	70.0	70.9	70.9	71.3	71.5	71.5	71.5
≥ 3000		50.2	53.8	63.5	65.4	68.2	72.0	73.9	75.3	76.5	77.4	77.4	77.9	78.0	78.0	78.0
≥ 2500		53.7	57.3	67.4	69.8	72.9	76.7	78.7	80.1	81.3	82.4	82.4	82.8	82.9	82.9	82.9
≥ 2000		56.0	59.7	70.3	73.0	76.2	80.1	82.0	83.5	84.9	86.0	86.0	86.4	86.5	86.5	86.5
≥ 1800		56.7	60.6	71.3	74.2	77.3	81.5	83.4	84.8	86.3	87.3	87.3	87.8	87.9	87.9	87.9
≥ 1500		57.5	61.9	72.8	75.6	79.3	83.6	85.5	87.1	89.1	90.3	90.3	90.8	90.9	90.9	90.9
≥ 1200		58.8	63.1	74.0	77.2	81.2	86.0	88.0	89.8	91.8	93.0	93.0	93.5	93.6	93.6	93.6
≥ 1000		59.0	63.4	74.3	77.4	81.5	86.6	88.9	90.9	93.0	94.3	94.3	94.7	94.8	94.8	94.8
≥ 900		59.0	63.4	74.3	77.4	81.5	86.6	88.9	90.9	93.3	94.5	94.5	94.9	95.1	95.1	95.1
≥ 800		59.0	63.4	74.3	77.4	81.5	86.7	89.0	91.0	94.0	95.3	95.3	95.7	95.8	95.8	95.8
≥ 700		59.0	63.4	74.3	77.6	81.7	87.1	89.3	91.3	94.5	95.7	95.7	96.2	96.3	96.3	96.3
≥ 600		59.0	63.4	74.3	77.6	81.7	87.1	89.3	91.3	94.7	96.2	96.2	96.6	96.7	96.7	96.7
≥ 500		59.0	63.4	74.3	77.6	81.7	87.2	89.4	91.5	95.4	97.0	97.0	97.6	98.1	98.1	98.1
≥ 400		59.0	63.4	74.3	77.6	81.7	87.2	89.4	91.5	95.4	97.2	97.2	97.9	98.4	98.4	98.4
≥ 300		59.0	63.4	74.3	77.6	81.7	87.2	89.4	91.5	95.4	97.3	97.3	98.2	99.3	99.4	99.4
≥ 200		59.0	63.4	74.3	77.6	81.7	87.2	89.4	91.5	95.4	97.3	97.3	98.2	99.4	99.7	99.7
≥ 100		59.0	63.4	74.3	77.6	81.7	87.2	89.4	91.5	95.4	97.3	97.3	98.2	99.4	99.7	100.0
≥ 0		59.0	63.4	74.3	77.6	81.7	87.2	89.4	91.5	95.4	97.3	97.3	98.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 890

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-70 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		17.0	20.6	23.5	25.5	26.5	31.0	32.4	33.3	35.0	35.9	36.3	36.3	36.9	36.9	36.9
≥ 20000		22.2	26.5	30.7	33.0	34.3	39.2	40.8	42.2	44.1	45.4	46.1	46.1	46.7	46.7	46.7
≥ 18000		22.2	26.5	30.7	33.0	34.3	39.2	40.8	42.2	44.1	45.4	46.1	46.1	46.7	46.7	46.7
≥ 16000		22.2	26.8	31.0	33.3	34.6	39.5	41.2	42.5	44.4	45.8	46.4	46.4	47.1	47.1	47.1
≥ 14000		22.2	26.8	31.0	33.3	34.6	39.5	41.2	42.5	44.4	45.8	46.4	46.4	47.1	47.1	47.1
≥ 12000		22.2	26.8	31.0	33.3	34.6	39.5	41.2	42.5	44.4	45.8	46.4	46.4	47.4	47.4	47.4
≥ 10000		23.9	28.8	33.0	35.6	36.9	42.2	43.8	45.1	47.1	48.4	49.0	49.0	50.0	50.0	50.0
≥ 9000		26.5	31.4	35.6	38.2	39.5	44.8	46.4	47.7	50.0	51.3	52.0	52.0	52.9	52.9	52.9
≥ 8000		29.7	34.6	39.5	43.1	44.4	49.7	51.3	52.6	55.6	56.9	57.5	57.5	58.5	58.5	58.5
≥ 7000		33.3	38.2	43.1	46.7	48.0	53.9	55.9	57.2	60.1	61.8	62.4	62.4	63.4	63.4	63.4
≥ 6000		34.0	39.5	44.4	48.0	49.3	55.2	57.2	58.5	62.1	63.7	64.4	64.4	65.4	65.4	65.4
≥ 5000		36.3	42.5	47.7	51.3	52.6	58.5	60.8	62.1	65.7	67.3	68.0	68.0	69.0	69.0	69.0
≥ 4500		37.9	44.1	49.7	53.3	54.6	60.5	62.7	64.1	67.6	69.3	69.9	69.9	70.9	70.9	70.9
≥ 4000		40.2	46.4	52.0	55.6	56.9	63.1	65.4	66.7	70.6	72.3	73.2	73.2	74.2	74.2	74.2
≥ 3500		41.2	47.4	52.9	56.5	57.8	64.1	66.3	67.6	71.9	73.9	74.5	74.5	75.5	75.5	75.5
≥ 3000		44.1	50.7	56.2	60.5	61.8	68.0	70.6	71.9	76.1	78.1	78.8	79.1	80.1	80.1	80.1
≥ 2500		47.1	53.6	59.2	63.4	65.0	71.6	74.2	75.5	79.7	81.7	82.4	82.7	83.7	83.7	83.7
≥ 2000		48.4	54.9	60.5	65.4	67.0	73.5	76.1	77.5	81.7	83.7	84.3	84.6	85.6	85.6	85.6
≥ 1800		48.4	54.9	60.5	65.4	67.0	73.9	76.8	78.1	82.4	84.3	85.0	85.3	86.3	86.3	86.3
≥ 1500		48.4	55.2	60.8	66.0	68.3	75.8	78.8	80.1	83.0	86.9	87.9	88.2	89.2	89.2	89.2
≥ 1200		49.7	56.5	62.1	67.6	69.9	77.5	81.0	82.4	87.6	89.5	90.5	90.8	91.8	91.8	91.8
≥ 1000		50.0	56.9	62.4	68.0	70.3	78.8	82.0	83.7	89.9	91.8	92.8	93.1	94.1	94.1	94.1
≥ 900		50.0	56.9	62.4	68.0	70.3	78.8	82.0	83.7	90.2	92.2	93.1	93.5	94.4	94.4	94.4
≥ 800		50.0	56.9	62.4	68.0	70.3	78.8	82.0	83.7	90.5	92.5	93.5	93.8	94.8	94.8	94.8
≥ 700		50.0	56.9	62.4	68.0	70.3	78.8	82.0	83.7	90.8	92.8	93.8	94.1	95.1	95.1	95.1
≥ 600		50.0	56.9	62.4	68.0	70.3	78.8	82.0	83.7	91.8	93.8	94.8	95.1	96.1	96.1	96.1
≥ 500		50.0	56.9	62.4	68.0	70.3	78.8	82.0	83.7	91.8	94.1	95.1	95.8	97.1	97.1	97.1
≥ 400		50.0	56.9	62.4	68.0	70.3	78.8	82.0	83.7	91.8	94.1	95.1	96.4	97.7	97.7	97.7
≥ 300		50.0	56.9	62.4	68.0	70.3	78.8	82.0	83.7	91.8	94.1	95.4	96.7	98.0	98.4	98.7
≥ 200		50.0	56.9	62.4	68.0	70.3	78.8	82.0	83.7	91.8	94.1	95.4	96.7	98.0	98.4	98.7
≥ 100		50.0	56.9	62.4	68.0	70.3	78.8	82.0	83.7	91.8	94.1	95.4	96.7	98.0	98.4	100.0
≥ 0		50.0	56.9	62.4	68.0	70.3	78.8	82.0	83.7	91.8	94.1	95.4	96.7	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 306

USAFETAC FORM AX 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-64 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		5.5	5.5	9.9	9.9	9.9	9.9	12.1	12.1	12.1	13.2	13.2	14.3	14.3	14.3	14.3
≥ 20000		9.9	9.9	16.5	16.5	16.5	17.6	19.8	19.8	19.8	20.9	22.0	23.1	23.1	23.1	23.1
≥ 18000		9.9	9.9	16.5	16.5	16.5	17.6	19.8	19.8	19.8	20.9	22.0	23.1	23.1	23.1	23.1
≥ 16000		9.9	9.9	16.5	16.5	16.5	17.6	19.8	19.8	19.8	20.9	22.0	23.1	23.1	23.1	23.1
≥ 14000		9.9	9.9	16.5	16.5	16.5	17.6	19.8	19.8	19.8	20.9	22.0	23.1	23.1	23.1	23.1
≥ 12000		9.9	9.9	16.5	16.5	16.5	17.6	19.8	19.8	19.8	20.9	22.0	23.1	23.1	23.1	23.1
≥ 10000		9.9	11.0	17.6	17.6	17.6	18.7	20.9	20.9	20.9	22.0	23.1	24.2	24.2	24.2	24.2
≥ 9000		9.9	11.0	18.7	18.7	18.7	19.8	22.0	22.0	22.0	23.1	24.2	25.3	25.3	25.3	25.3
≥ 8000		12.1	13.2	20.9	20.9	22.0	23.1	25.3	25.3	25.3	26.4	27.5	28.6	28.6	28.6	28.6
≥ 7000		14.3	16.5	24.2	24.2	25.3	26.4	28.6	28.6	28.6	29.7	30.8	31.9	31.9	31.9	31.9
≥ 6000		15.4	18.7	26.4	26.4	27.5	28.6	30.8	30.8	30.8	31.9	33.0	34.1	34.1	34.1	34.1
≥ 5000		16.5	19.8	28.6	29.7	30.8	31.9	34.1	34.1	34.1	35.2	36.3	37.4	37.4	37.4	37.4
≥ 4500		17.6	20.9	30.8	31.9	33.0	34.1	36.3	36.3	36.3	37.4	38.5	39.6	39.6	39.6	39.6
≥ 4000		18.7	22.0	34.1	35.2	36.3	37.4	39.6	39.6	39.6	40.7	41.8	44.0	44.0	44.0	44.0
≥ 3500		23.1	27.5	39.6	41.8	42.9	45.1	47.3	47.3	47.3	48.4	49.5	51.6	51.6	51.6	51.6
≥ 3000		26.4	31.9	46.2	49.5	50.5	52.7	54.9	54.9	54.9	56.0	57.1	59.3	59.3	59.3	59.3
≥ 2500		29.7	36.3	54.9	59.3	61.5	65.9	70.3	70.3	70.3	71.4	73.6	75.8	75.8	75.8	75.8
≥ 2000		30.8	38.5	60.4	65.9	68.1	72.5	76.9	76.9	76.9	78.0	80.2	82.4	82.4	82.4	82.4
≥ 1800		30.8	38.5	60.4	65.9	68.1	73.6	78.0	78.0	78.0	79.1	81.3	83.5	83.5	83.5	83.5
≥ 1500		30.8	38.5	60.4	67.0	69.2	74.7	80.2	80.2	80.2	81.3	84.6	86.8	86.8	86.8	86.8
≥ 1200		30.8	38.5	60.4	67.0	69.2	74.7	80.2	80.2	80.2	81.3	84.6	86.8	86.8	86.8	86.8
≥ 1000		30.8	38.5	60.4	67.0	69.2	74.7	82.4	82.4	82.4	83.5	86.8	89.0	89.0	89.0	89.0
≥ 900		30.8	38.5	60.4	67.0	69.2	74.7	82.4	82.4	82.4	83.5	86.8	89.0	89.0	89.0	89.0
≥ 800		30.8	38.5	60.4	67.0	69.2	74.7	82.4	82.4	82.4	83.5	86.8	89.0	89.0	89.0	89.0
≥ 700		30.8	38.5	60.4	67.0	69.2	74.7	82.4	82.4	82.4	83.5	86.8	89.0	89.0	89.0	89.0
≥ 600		30.8	38.5	60.4	67.0	69.2	74.7	82.4	82.4	82.4	83.5	86.8	90.1	90.1	90.1	90.1
≥ 500		30.8	38.5	60.4	67.0	69.2	74.7	82.4	82.4	83.5	84.6	87.9	91.2	91.2	91.2	91.2
≥ 400		30.8	38.5	60.4	67.0	69.2	74.7	83.5	83.5	84.6	85.7	89.0	92.3	92.3	92.3	92.3
≥ 300		30.8	38.5	60.4	67.0	69.2	74.7	83.5	83.5	84.6	85.7	89.0	92.3	92.3	92.3	93.4
≥ 200		30.8	38.5	60.4	67.0	69.2	74.7	83.5	83.5	84.6	85.7	89.0	92.3	92.3	92.3	93.4
≥ 100		30.8	38.5	60.4	67.0	69.2	74.7	83.5	83.5	84.6	85.7	89.0	92.3	92.3	92.3	94.5
0		30.8	38.5	60.4	67.0	69.2	74.7	83.5	83.5	84.6	85.7	89.0	92.3	92.3	92.3	100.0

TOTAL NUMBER OF OBSERVATIONS 91

USAFETAC FORM AA 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		8.9	11.3	13.3	13.6	14.6	16.4	17.0	17.2	17.9	18.0	18.3	18.5	18.6	18.6	18.6
≥ 20000		10.4	13.0	15.7	16.7	17.8	19.8	20.4	20.6	21.5	21.7	22.1	22.4	22.9	22.9	23.1
≥ 18000		10.4	13.0	15.7	16.7	17.8	19.8	20.4	20.6	21.5	21.7	22.1	22.4	22.9	22.9	23.1
≥ 16000		10.4	13.0	15.7	16.7	17.8	19.8	20.4	20.6	21.5	21.7	22.1	22.4	22.9	22.9	23.1
≥ 14000		10.4	13.0	15.7	16.7	17.8	19.8	20.4	20.6	21.5	21.7	22.1	22.4	22.9	22.9	23.1
≥ 12000		10.6	13.2	15.8	16.8	17.9	19.9	20.5	20.8	21.6	21.8	22.2	22.5	23.0	23.0	23.3
≥ 10000		11.3	14.1	17.0	18.5	19.6	21.6	22.2	22.4	23.3	23.5	23.8	24.2	24.7	24.7	24.9
≥ 9000		12.2	15.2	18.4	20.0	21.1	23.3	23.8	24.1	24.9	25.1	25.5	25.9	26.3	26.3	26.6
≥ 8000		14.0	17.1	20.6	22.5	23.8	26.5	27.0	27.3	28.1	28.4	28.7	29.1	29.8	29.8	30.0
≥ 7000		14.4	17.9	22.2	24.6	25.9	29.1	29.7	30.1	31.2	31.6	32.1	32.7	33.5	33.5	33.7
≥ 6000		14.9	18.7	23.4	25.7	27.0	30.4	31.1	31.6	32.7	33.1	33.7	34.3	35.0	35.0	35.2
≥ 5000		15.7	19.7	24.7	27.3	28.6	32.3	33.2	33.7	34.9	35.2	35.8	36.4	37.1	37.1	37.4
≥ 4500		16.5	20.5	26.1	29.1	30.5	34.2	35.1	35.7	36.9	37.2	37.8	38.6	39.3	39.4	39.6
≥ 4000		18.0	22.3	28.4	31.6	33.2	36.9	37.8	38.4	39.6	40.0	40.6	41.9	42.6	42.7	43.1
≥ 3500		19.5	24.0	30.5	34.0	35.8	40.0	41.2	41.9	43.1	43.7	44.2	45.6	46.3	46.4	46.7
≥ 3000		24.1	30.5	38.4	42.5	44.4	49.1	50.5	51.5	53.1	53.7	54.4	55.9	56.6	56.7	57.3
≥ 2500		27.8	35.7	45.2	50.2	52.4	57.9	59.8	61.0	63.0	63.8	64.7	66.2	67.3	67.4	68.0
≥ 2000		30.0	38.6	49.2	54.4	56.7	62.8	65.0	66.4	68.6	69.4	70.2	71.8	72.8	73.0	73.5
≥ 1800		30.2	39.0	49.8	55.2	57.5	63.8	66.1	67.5	69.8	70.6	71.4	73.0	74.0	74.1	74.7
≥ 1500		31.0	40.5	52.0	57.5	59.9	66.7	69.6	71.5	73.9	75.0	75.8	77.3	78.4	78.5	79.1
≥ 1200		31.8	41.5	53.5	59.4	62.2	69.6	73.7	75.6	77.9	79.0	79.8	81.4	82.6	82.7	83.3
≥ 1000		31.9	41.6	53.6	59.8	62.5	70.5	74.9	77.0	80.3	81.5	82.3	84.0	85.2	85.3	85.9
≥ 900		31.9	41.6	53.6	59.8	62.5	70.8	75.4	77.7	81.3	82.4	83.3	84.9	86.1	86.2	86.8
≥ 800		31.9	41.6	53.6	59.9	62.6	70.9	75.7	78.3	82.6	84.0	84.8	86.5	87.7	87.8	88.4
≥ 700		31.9	41.6	53.6	59.9	62.6	71.1	75.9	78.8	83.2	84.7	85.5	87.2	88.5	88.6	89.2
≥ 600		31.9	41.6	53.6	59.9	62.6	71.1	75.9	78.8	83.5	85.4	86.2	88.0	89.3	89.4	90.0
≥ 500		31.9	41.6	53.6	59.9	62.6	71.4	76.3	79.1	84.2	86.1	87.0	89.0	90.6	90.7	91.6
≥ 400		31.9	41.6	53.6	59.9	62.6	71.4	76.4	79.2	84.3	86.2	87.1	89.3	91.1	91.2	92.2
≥ 300		31.9	41.6	53.6	59.9	62.6	71.4	76.5	79.4	84.5	86.5	87.4	89.9	91.9	92.2	94.2
≥ 200		31.9	41.6	53.6	59.9	62.6	71.4	76.5	79.4	84.6	86.6	87.7	90.3	92.4	92.8	95.6
≥ 100		31.9	41.6	53.6	59.9	62.6	71.4	76.5	79.4	84.6	86.6	87.7	90.3	92.8	93.1	97.4
≥ 0		31.9	41.6	53.6	59.9	62.6	71.4	76.5	79.4	84.6	86.6	87.7	90.3	92.8	93.1	100.0

TOTAL NUMBER OF OBSERVATIONS 843

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	0
NO CEILING		7.1	8.1	9.0	9.6	9.8	12.0	12.4	12.9	13.9	14.2	14.3	14.3	14.6	14.6	14.9
≥ 20000		9.5	11.4	13.1	14.2	15.0	17.8	18.5	19.1	20.3	20.7	20.8	20.8	21.4	21.4	21.9
≥ 18000		9.5	11.4	13.1	14.2	15.0	17.8	18.5	19.1	20.3	20.7	20.8	20.8	21.4	21.4	21.9
≥ 16000		9.5	11.4	13.1	14.2	15.0	17.8	18.5	19.1	20.3	20.7	20.8	20.8	21.4	21.4	21.9
≥ 14000		9.7	11.6	13.4	14.4	15.2	18.1	18.7	19.3	20.5	20.9	21.0	21.0	21.6	21.6	22.1
≥ 12000		9.9	11.9	13.6	14.6	15.4	18.3	19.1	19.8	20.9	21.4	21.5	21.5	22.0	22.0	22.5
≥ 10000		10.6	12.5	14.4	15.5	16.2	19.2	20.2	20.8	22.0	22.4	22.5	22.5	23.3	23.3	23.8
≥ 9000		10.8	12.8	14.9	16.1	17.1	20.4	21.4	22.1	23.3	23.7	23.8	23.8	24.6	24.6	25.1
≥ 8000		13.1	15.4	17.8	19.2	20.4	23.9	25.1	26.1	27.5	27.9	28.1	28.1	28.8	28.8	29.4
≥ 7000		14.4	17.0	19.8	21.5	22.8	26.9	28.2	29.6	31.1	31.5	31.7	31.8	32.7	32.7	33.2
≥ 6000		15.0	17.8	20.6	22.3	23.7	28.1	29.5	31.2	33.0	33.5	33.8	33.9	34.7	34.7	35.2
≥ 5000		15.5	18.7	21.8	23.5	25.1	29.8	31.2	33.0	34.8	35.4	35.6	35.7	36.5	36.5	37.1
≥ 4500		16.5	19.8	23.0	24.8	26.4	31.2	32.6	34.4	36.2	36.8	37.0	37.1	37.9	37.9	38.5
≥ 4000		17.8	21.4	25.7	27.9	29.9	34.8	36.2	38.0	40.1	40.7	40.9	41.0	42.1	42.1	42.8
≥ 3500		19.7	23.3	26.2	30.8	32.8	37.8	39.5	41.6	43.7	44.4	44.8	45.1	46.2	46.2	47.0
≥ 3000		23.4	28.0	33.2	35.9	38.0	43.8	46.4	48.4	51.3	52.0	52.5	53.0	54.4	54.4	55.2
≥ 2500		28.5	34.7	41.3	44.3	47.3	53.7	56.5	59.0	62.0	62.8	63.2	63.9	65.3	65.3	66.1
≥ 2000		31.4	37.5	44.8	47.8	51.0	57.6	60.6	63.2	66.7	67.5	67.9	68.7	70.1	70.1	70.9
≥ 1800		32.1	38.2	45.5	48.7	51.9	58.7	61.8	64.4	67.8	68.7	69.1	70.0	71.4	71.4	72.2
≥ 1500		33.5	40.5	48.4	51.9	55.2	62.6	65.8	68.6	72.2	73.2	73.7	75.0	76.4	76.4	77.5
≥ 1200		34.4	42.1	50.3	54.5	58.2	66.5	70.1	73.1	77.4	78.3	78.8	80.1	81.6	81.6	82.7
≥ 1000		34.4	42.2	50.5	54.9	58.9	67.4	71.2	74.4	79.3	80.3	80.9	82.5	84.1	84.1	85.1
≥ 900		34.5	42.3	50.6	55.0	59.0	67.5	71.5	74.9	79.9	81.0	81.5	83.2	84.8	84.8	85.9
≥ 800		34.5	42.3	50.6	55.2	59.2	67.7	71.9	75.6	81.3	82.5	83.0	84.7	86.3	86.3	87.4
≥ 700		34.5	42.3	50.6	55.3	59.4	68.1	72.2	76.3	82.2	83.3	83.9	85.7	87.5	87.5	88.6
≥ 600		34.5	42.3	50.6	55.3	59.4	68.4	72.6	76.9	83.0	84.2	84.9	87.0	88.9	88.9	90.0
≥ 500		34.5	42.3	50.6	55.3	59.4	68.4	72.6	77.1	84.0	85.3	86.0	88.0	90.3	90.3	91.3
≥ 400		34.5	42.3	50.6	55.4	59.5	68.5	72.8	77.2	84.1	85.4	86.1	88.5	90.9	90.9	92.2
≥ 300		34.5	42.3	50.6	55.4	59.5	68.5	72.8	77.2	84.2	85.6	86.4	89.3	92.3	92.3	93.7
≥ 200		34.5	42.3	50.6	55.4	59.5	68.5	72.8	77.4	84.3	85.8	86.6	89.6	92.8	93.2	96.9
≥ 100		34.5	42.3	50.6	55.4	59.5	68.5	72.8	77.4	84.3	85.8	86.6	89.6	93.2	93.5	98.5
≥ 0		34.5	42.3	50.6	55.4	59.5	68.5	72.8	77.4	84.3	85.8	86.6	89.6	93.2	93.5	100.0

TOTAL NUMBER OF OBSERVATIONS 936

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥5/16	≥¼	≥0
NO CEILING		6.9	8.0	10.0	10.7	11.5	12.6	13.0	13.5	13.5	13.7	13.7	13.7	13.7	13.7	13.8
≥ 20000		10.8	13.0	15.9	17.4	18.6	20.3	20.8	21.3	21.8	22.2	22.4	22.7	22.8	22.8	23.4
≥ 18000		10.8	13.0	15.9	17.4	18.6	20.3	20.8	21.3	21.8	22.2	22.4	22.7	22.8	22.8	23.4
≥ 16000		10.8	13.0	15.9	17.4	18.6	20.3	20.8	21.3	21.8	22.2	22.4	22.7	22.8	22.8	23.4
≥ 14000		11.0	13.3	16.1	17.6	18.8	20.5	21.0	21.5	22.0	22.4	22.6	22.9	23.1	23.1	23.6
≥ 12000		11.0	13.3	16.1	17.6	18.8	20.5	21.0	21.5	22.0	22.4	22.6	22.9	23.1	23.1	23.6
≥ 10000		12.4	14.6	17.5	19.0	20.4	22.0	22.6	23.1	23.6	23.9	24.2	24.5	24.6	24.6	25.2
≥ 9000		13.9	16.1	19.4	20.9	22.4	24.1	24.6	25.1	25.7	26.1	26.3	26.6	26.7	26.7	27.3
≥ 8000		16.5	18.9	22.6	24.5	25.9	28.1	29.1	29.5	30.2	30.5	30.7	31.1	31.2	31.2	31.7
≥ 7000		17.5	20.6	24.6	27.3	28.7	30.8	32.0	32.5	33.2	33.6	33.9	34.2	34.3	34.3	34.9
≥ 6000		17.8	21.2	25.3	28.1	29.6	32.2	33.3	34.0	34.6	35.1	35.5	35.6	35.7	35.7	36.3
≥ 5000		19.2	23.2	27.3	30.4	32.2	35.0	36.1	36.7	37.4	37.9	38.1	38.4	38.5	38.5	39.1
≥ 4500		20.3	24.4	28.6	32.0	33.7	36.5	37.6	38.3	39.0	39.4	39.6	40.0	40.1	40.1	40.6
≥ 4000		21.7	26.2	31.3	34.6	36.6	39.5	40.8	41.5	42.2	42.7	42.9	43.3	43.4	43.4	44.0
≥ 3500		23.7	28.7	34.1	37.6	40.0	43.0	44.3	45.1	45.8	46.2	46.7	47.2	47.3	47.3	47.9
≥ 3000		28.6	34.6	41.2	45.5	48.3	51.4	52.9	54.1	55.1	55.9	56.3	56.9	57.2	57.2	57.8
≥ 2500		35.1	43.4	51.7	56.8	59.8	63.9	65.7	67.1	68.2	69.0	69.5	70.2	70.5	70.5	71.0
≥ 2000		38.0	45.7	54.0	59.5	62.7	67.0	69.0	70.5	71.8	72.7	73.2	73.9	74.3	74.3	74.8
≥ 1800		35.4	46.1	54.6	60.0	63.4	67.7	69.7	71.2	72.5	73.4	73.8	74.6	74.9	74.9	75.5
≥ 1500		39.6	48.0	57.0	62.7	66.1	71.5	73.6	75.1	76.8	78.1	78.6	79.4	79.7	79.7	80.6
≥ 1200		40.6	49.0	58.5	64.6	68.8	74.9	77.6	79.3	81.3	82.6	83.2	84.1	84.4	84.4	85.3
≥ 1000		40.8	49.2	59.1	65.6	70.0	76.3	79.0	81.1	83.6	85.0	85.5	86.6	87.0	87.0	88.0
≥ 900		40.8	49.4	59.4	65.9	70.7	77.4	80.2	82.3	85.3	86.6	87.3	88.4	88.8	88.8	89.8
≥ 800		40.8	49.4	59.4	65.9	70.7	77.8	80.6	82.9	86.3	87.6	88.3	89.4	89.8	89.8	90.9
≥ 700		40.8	49.4	59.4	65.9	70.7	78.0	80.7	83.2	87.1	89.1	89.8	90.9	91.2	91.2	92.3
≥ 600		40.8	49.4	59.4	65.9	70.9	78.3	81.3	84.1	88.5	90.5	91.2	92.3	92.7	92.7	93.8
≥ 500		40.8	49.4	59.4	65.9	70.9	78.4	81.4	84.3	89.3	91.8	92.4	93.5	94.2	94.2	95.3
≥ 400		40.8	49.4	59.4	65.9	70.9	78.4	81.4	84.4	89.5	92.0	92.8	94.0	94.7	94.7	95.9
≥ 300		40.8	49.4	59.4	65.9	70.9	78.4	81.4	84.4	89.8	92.3	93.1	94.5	95.8	95.8	97.6
≥ 200		40.8	49.4	59.4	65.9	70.9	78.4	81.4	84.4	89.9	92.4	93.2	94.7	96.1	96.5	99.4
≥ 100		40.8	49.4	59.4	65.9	70.9	78.4	81.4	84.4	89.9	92.4	93.2	94.7	96.1	96.5	99.9
0		40.8	49.4	59.4	65.9	70.9	78.4	81.4	84.4	89.9	92.4	93.2	94.7	96.1	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 898

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥¼	≥0
NO CEILING		10.7	11.4	14.1	15.7	15.7	16.2	16.3	15.9	17.3	17.4	17.4	17.5	17.7	17.9	17.9
≥ 20000		15.3	17.5	20.7	22.8	23.0	23.8	24.1	24.9	25.4	25.5	25.9	26.2	26.5	26.6	26.6
≥ 18000		15.3	17.5	20.7	22.8	23.0	23.8	24.1	24.9	25.4	25.5	25.9	26.2	26.5	26.6	26.6
≥ 16000		15.3	17.5	20.7	22.8	23.0	23.8	24.1	24.9	25.4	25.5	25.9	26.2	26.5	26.6	26.6
≥ 14000		15.3	17.6	20.8	23.0	23.1	23.9	24.2	25.0	25.5	25.6	26.0	26.4	26.6	26.7	26.7
≥ 12000		15.3	17.7	20.9	23.1	23.2	24.1	24.3	25.2	25.6	25.8	26.1	26.5	26.7	26.9	26.9
≥ 10000		16.9	19.3	22.6	24.8	24.9	25.6	26.0	27.0	27.5	27.0	27.9	28.3	28.6	28.7	28.7
≥ 9000		18.7	21.4	24.9	27.2	27.3	28.2	28.4	29.5	30.0	30.1	30.5	30.9	31.2	31.3	31.3
≥ 8000		21.1	23.9	28.3	31.0	31.2	32.1	32.7	34.0	34.9	35.1	35.5	35.8	36.3	36.5	36.5
≥ 7000		23.0	26.2	31.2	34.3	34.8	35.8	36.6	37.9	38.8	39.0	39.4	39.7	40.2	40.3	40.3
≥ 6000		24.3	27.6	32.7	35.8	36.6	37.8	38.6	40.0	40.8	41.1	41.4	41.8	42.3	42.4	42.4
≥ 5000		25.4	29.2	34.3	37.4	38.4	40.3	41.3	42.6	43.5	43.7	44.1	44.5	45.0	45.1	45.1
≥ 4500		26.9	30.9	36.0	39.2	40.5	42.6	43.5	44.8	45.7	45.9	46.3	46.7	47.1	47.3	47.3
≥ 4000		28.7	33.3	39.0	42.3	43.6	45.8	46.8	48.4	49.2	49.5	49.8	50.2	50.7	50.8	50.8
≥ 3500		32.6	37.3	43.3	46.5	47.9	50.2	51.2	52.7	54.1	54.4	54.9	55.4	55.9	56.0	56.0
≥ 3000		36.1	41.4	48.4	52.4	54.3	56.7	57.7	59.3	61.5	61.8	62.5	63.1	63.5	63.7	63.7
≥ 2500		41.8	48.6	57.1	61.8	64.2	67.0	68.2	69.7	72.2	72.8	73.4	74.1	74.7	74.8	74.8
≥ 2000		42.9	50.1	59.7	64.5	67.2	70.2	71.4	73.2	75.7	76.4	77.0	77.8	78.4	78.5	78.5
≥ 1800		43.3	50.4	60.0	64.9	67.6	70.6	71.8	73.6	76.1	76.8	77.4	78.1	78.7	78.9	78.9
≥ 1500		44.0	51.6	62.2	67.6	70.6	74.0	75.9	77.9	80.4	81.4	82.3	83.0	83.6	83.7	83.7
≥ 1200		44.5	52.5	63.1	68.8	72.2	76.3	79.2	81.2	83.8	84.8	85.7	86.4	87.0	87.1	87.1
≥ 1000		45.6	53.6	64.3	70.5	74.5	78.7	81.9	84.3	87.2	88.2	89.2	90.0	90.8	91.0	91.4
≥ 900		45.6	53.6	64.3	70.5	74.7	79.3	82.5	84.9	88.3	89.4	90.4	91.4	92.1	92.3	92.7
≥ 800		45.6	53.6	64.3	70.5	74.7	79.3	82.5	84.9	88.3	89.7	90.8	92.0	92.7	93.0	93.3
≥ 700		45.6	53.6	64.3	70.5	74.7	79.3	82.5	85.1	88.6	90.4	91.5	92.8	93.6	93.8	94.2
≥ 600		45.6	53.6	64.3	70.5	75.1	79.7	82.9	85.4	89.1	90.9	92.0	93.3	94.2	94.4	94.8
≥ 500		45.6	53.7	64.4	70.6	75.2	80.0	83.1	85.7	89.4	91.4	92.5	93.9	95.0	95.3	95.6
≥ 400		45.6	53.7	64.4	70.6	75.2	80.0	83.1	85.7	89.4	91.4	92.6	94.0	95.1	95.5	95.9
≥ 300		45.6	53.7	64.4	70.6	75.2	80.0	83.1	85.7	89.4	91.7	93.1	94.7	95.9	96.2	96.6
≥ 200		45.6	53.7	64.4	70.6	75.2	80.0	83.1	85.7	89.4	91.9	93.2	94.9	96.5	97.1	98.2
≥ 100		45.6	53.7	64.4	70.6	75.2	80.0	83.1	85.7	89.4	91.9	93.2	94.9	96.5	97.2	99.6
≥ 0		45.6	53.7	64.4	70.6	75.2	80.0	83.1	85.7	89.4	91.9	93.2	94.9	96.5	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 823

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-66,68-69 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		10.3	11.2	12.6	14.3	14.8	17.5	18.4	19.3	19.3	20.6	20.6	20.6	21.1	21.1	21.1
≥ 20000		13.0	13.9	15.2	18.8	19.3	22.0	23.3	24.2	24.2	25.6	25.6	26.0	26.5	26.5	26.5
≥ 18000		13.0	13.9	15.2	18.8	19.3	22.0	23.3	24.2	24.2	25.6	25.6	26.0	26.5	26.5	26.5
≥ 16000		13.0	13.9	15.2	18.8	19.3	22.0	23.3	24.2	24.2	25.6	25.6	26.0	26.5	26.5	26.5
≥ 14000		13.0	13.9	15.2	18.8	19.3	22.0	23.3	24.2	24.2	25.6	25.6	26.0	26.5	26.5	26.5
≥ 12000		13.0	13.9	15.2	18.8	19.3	22.0	23.3	24.2	24.2	25.6	25.6	26.0	26.5	26.5	26.5
≥ 10000		13.5	14.3	15.7	19.7	20.2	23.3	24.1	25.6	25.6	26.9	27.4	27.8	28.3	28.3	28.3
≥ 9000		13.9	14.8	16.6	21.1	21.5	25.1	26.5	27.4	27.4	28.7	29.1	29.6	30.0	30.0	30.0
≥ 8000		16.6	18.4	20.6	25.1	26.0	29.6	30.9	32.3	32.3	33.6	34.1	34.5	35.0	35.0	35.0
≥ 7000		17.5	19.3	22.4	27.4	28.3	31.8	33.6	35.0	35.0	36.3	36.8	37.2	37.7	37.7	37.7
≥ 6000		17.5	19.3	22.4	27.4	28.3	31.8	33.6	35.0	35.4	36.8	37.2	37.7	38.1	38.1	38.1
≥ 5000		18.4	20.6	23.8	28.7	29.6	33.2	35.0	36.3	37.2	39.0	39.5	39.9	40.4	40.4	40.4
≥ 4500		18.8	21.1	24.2	29.1	30.0	34.1	35.9	37.2	38.1	39.9	40.4	40.8	41.3	41.3	41.3
≥ 4000		22.0	24.2	27.4	33.2	34.1	38.6	40.4	41.7	42.6	44.4	44.8	45.3	45.7	45.7	45.7
≥ 3500		23.8	26.9	30.5	36.3	37.7	42.2	43.9	45.3	46.2	48.0	48.4	48.9	49.3	49.3	49.3
≥ 3000		26.9	32.3	38.1	44.8	46.6	52.0	54.3	55.6	56.5	58.2	58.7	59.2	59.6	59.6	59.6
≥ 2500		30.0	36.8	42.6	50.2	52.5	57.8	61.4	62.8	63.7	65.9	67.3	67.7	68.2	68.2	68.2
≥ 2000		30.9	37.7	44.8	52.5	55.6	62.3	65.9	67.3	68.2	70.9	72.6	73.1	73.5	73.5	73.5
≥ 1600		30.9	38.6	46.2	53.8	57.4	64.1	67.7	69.1	70.0	72.6	74.4	74.9	75.3	75.3	75.3
≥ 1500		31.4	39.0	48.0	56.1	59.8	67.2	71.3	72.6	73.5	76.2	78.0	78.5	78.9	78.9	78.9
≥ 1200		32.3	40.8	50.2	58.3	61.9	71.3	75.8	77.1	78.0	80.7	82.5	83.0	83.4	83.4	83.4
≥ 1000		33.2	41.7	51.6	59.6	63.7	74.0	79.4	81.2	82.5	85.7	87.9	88.2	88.8	88.8	88.8
≥ 900		33.2	41.7	51.6	59.6	63.7	74.4	80.7	82.5	83.9	87.0	89.2	89.7	90.1	90.1	90.1
≥ 800		33.2	41.7	51.6	59.6	63.7	74.9	81.2	83.0	84.8	87.9	90.6	91.5	91.9	91.9	91.9
≥ 700		33.2	41.7	51.6	59.6	63.7	74.9	81.2	83.0	84.8	88.3	91.0	92.4	92.8	92.8	92.8
≥ 600		33.2	41.7	51.6	59.6	63.7	74.9	81.2	83.0	84.8	89.2	91.9	93.3	94.2	94.2	94.2
≥ 500		33.2	41.7	51.6	59.6	63.7	74.9	81.6	83.4	85.2	89.7	92.4	94.6	95.5	95.5	95.5
≥ 400		33.2	41.7	51.6	59.6	63.7	74.9	81.6	83.4	85.2	89.7	92.4	94.6	96.0	96.0	96.0
≥ 300		33.2	41.7	51.6	59.6	63.7	74.9	81.6	83.4	85.2	89.7	92.8	95.1	96.4	96.4	96.4
≥ 200		33.2	41.7	51.6	59.6	63.7	74.9	81.6	83.4	85.2	89.7	92.8	95.5	97.8	97.8	97.8
≥ 100		33.2	41.7	51.6	59.6	63.7	74.9	81.6	83.4	85.2	89.7	92.8	95.5	97.8	97.8	99.6
≥ 0		33.2	41.7	51.6	59.6	63.7	74.9	81.6	83.4	85.2	89.7	92.8	95.5	97.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 223

USAFETAC FORM AA 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 66 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 ≥ 0																100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 1

USAFETAC FORM 0-14-5 (CL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI:
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-64 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		6.0	13.1	17.9	20.2	20.2	22.6	23.8	23.8	26.2	26.2	26.2	27.4	27.4	27.4	28.6
≥ 20000		7.1	14.3	21.4	25.0	25.0	27.4	28.6	28.6	31.0	31.0	31.0	32.1	32.1	32.1	33.3
≥ 18000		7.1	14.3	21.4	25.0	25.0	27.4	28.6	28.6	31.0	31.0	31.0	32.1	32.1	32.1	33.3
≥ 16000		7.1	14.3	21.4	25.0	25.0	27.4	28.6	28.6	31.0	31.0	31.0	32.1	32.1	32.1	33.3
≥ 14000		7.1	14.3	21.4	25.0	25.0	27.4	28.6	28.6	31.0	31.0	31.0	32.1	32.1	32.1	33.3
≥ 12000		7.1	14.3	21.4	25.0	25.0	27.4	28.6	28.6	31.0	31.0	31.0	32.1	32.1	32.1	33.3
≥ 10000		8.3	15.5	22.6	26.2	26.2	28.6	29.8	29.8	32.1	32.1	32.1	33.3	33.3	33.3	34.5
≥ 9000		8.3	15.5	22.6	26.2	26.2	28.6	29.8	29.8	32.1	32.1	32.1	33.3	33.3	33.3	34.5
≥ 8000		9.5	16.7	23.8	27.4	27.4	31.0	32.1	32.1	34.5	34.5	34.5	35.7	35.7	35.7	36.9
≥ 7000		10.7	17.9	25.0	28.6	28.6	33.3	34.5	34.5	36.9	36.9	36.9	38.1	38.1	38.1	39.3
≥ 6000		10.7	17.9	25.0	28.6	28.6	33.3	34.5	34.5	36.9	36.9	36.9	38.1	38.1	38.1	39.3
≥ 5000		10.7	19.0	28.6	32.1	32.1	36.9	38.1	38.1	40.5	40.5	40.5	41.7	41.7	41.7	42.9
≥ 4500		10.7	19.0	28.6	32.1	32.1	36.9	38.1	38.1	40.5	40.5	40.5	41.7	41.7	41.7	42.9
≥ 4000		10.7	19.0	28.6	32.1	32.1	39.3	40.5	41.7	44.0	44.0	44.0	45.2	45.2	45.2	46.4
≥ 3500		10.7	21.4	32.1	35.7	35.7	42.9	44.0	45.2	47.6	47.6	47.6	48.8	48.8	48.8	50.0
≥ 3000		16.7	27.4	39.3	42.9	42.9	50.0	52.4	53.6	56.0	56.0	56.0	57.1	57.1	57.1	58.3
≥ 2500		25.0	36.9	54.8	58.3	58.3	65.5	67.9	69.0	73.8	73.8	73.8	75.0	75.0	75.0	76.2
≥ 2000		26.2	38.1	57.1	60.7	60.7	69.0	71.4	72.6	77.4	77.4	77.4	78.6	78.6	78.6	79.8
≥ 1800		26.2	38.1	57.1	60.7	61.9	70.2	72.6	73.8	78.6	78.6	78.6	79.8	79.8	79.8	81.0
≥ 1500		26.2	39.3	58.3	61.9	63.1	73.8	76.2	77.4	82.1	82.1	82.1	83.3	83.3	83.3	84.5
≥ 1200		26.2	39.3	58.3	61.9	63.1	73.8	76.2	77.4	82.1	82.1	82.1	83.3	83.3	83.3	84.5
≥ 1000		26.2	39.3	59.5	63.1	64.3	75.0	77.4	78.6	84.5	85.7	85.7	86.9	86.9	86.9	88.1
≥ 900		26.2	39.3	59.5	63.1	64.3	75.0	77.4	78.6	84.5	85.7	85.7	86.9	86.9	86.9	88.1
≥ 800		26.2	39.3	59.5	63.1	64.3	75.0	77.4	78.6	84.5	85.7	85.7	86.9	86.9	86.9	88.1
≥ 700		26.2	39.3	59.5	63.1	64.3	75.0	77.4	78.6	85.7	88.1	88.1	89.3	89.3	89.3	90.5
≥ 600		26.2	39.3	59.5	63.1	64.3	75.0	77.4	78.6	85.7	88.1	88.1	89.3	89.3	89.3	90.5
≥ 500		26.2	39.3	59.5	63.1	64.3	75.0	77.4	78.6	86.9	89.3	89.3	90.5	90.5	90.5	91.7
≥ 400		26.2	39.3	59.5	63.1	64.3	75.0	77.4	78.6	86.9	89.3	89.3	90.5	91.7	91.7	94.0
≥ 300		26.2	39.3	59.5	63.1	64.3	75.0	77.4	78.6	86.9	89.3	89.3	90.5	91.7	91.7	95.2
≥ 200		26.2	39.3	59.5	63.1	64.3	75.0	77.4	78.6	86.9	89.3	89.3	90.5	91.7	91.7	95.2
≥ 100		26.2	39.3	59.5	63.1	64.3	75.0	77.4	78.6	86.9	89.3	89.3	90.5	92.9	92.9	98.8
≥ 0		26.2	39.3	59.5	63.1	64.3	75.0	77.4	78.6	86.9	89.3	89.3	90.5	92.9	92.9	100.0

TOTAL NUMBER OF OBSERVATIONS 84

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		6.6	1 .4	13.5	14.5	14.9	16.3	17.7	18.1	19.2	19.9	20.0	20.6	20.8	20.8	21.1
≥ 20000		7.8	12.2	15.5	16.9	17.4	19.1	20.8	21.3	22.5	23.1	23.3	23.9	24.2	24.2	24.4
≥ 18000		7.8	12.2	15.5	16.9	17.4	19.1	20.8	21.3	22.5	23.1	23.3	23.9	24.2	24.2	24.4
≥ 16000		7.8	12.2	15.5	16.9	17.4	19.1	20.8	21.3	22.5	23.1	23.3	23.9	24.2	24.2	24.4
≥ 14000		7.9	12.3	15.6	17.0	17.5	19.2	21.0	21.5	22.6	23.2	23.4	24.1	24.3	24.3	24.6
≥ 12000		7.9	12.3	15.6	17.0	17.5	19.2	21.0	21.5	22.6	23.2	23.4	24.1	24.3	24.3	24.6
≥ 10000		8.4	12.9	16.3	17.9	18.4	20.1	21.8	22.3	23.4	24.1	24.6	25.3	25.6	25.6	25.9
≥ 9000		8.6	13.2	16.7	18.6	19.1	20.8	22.6	23.1	24.2	24.8	25.2	26.2	26.4	26.4	26.8
≥ 8000		10.9	16.1	19.9	21.8	22.3	25.3	27.3	27.3	29.0	29.7	30.1	31.0	31.3	31.3	31.6
≥ 7000		11.3	16.5	20.2	22.3	23.3	25.9	27.9	28.4	29.7	30.3	30.8	31.6	31.9	31.9	32.3
≥ 6000		11.3	16.6	20.3	22.6	23.6	26.2	29.2	28.7	30.0	30.6	31.1	32.0	32.3	32.3	32.6
≥ 5000		12.2	17.6	22.2	24.9	26.2	29.0	31.0	31.5	32.9	33.6	34.1	35.0	35.2	35.2	35.6
≥ 4500		13.2	19.0	24.1	26.9	28.2	31.0	33.3	33.7	35.1	35.9	36.4	37.2	37.5	37.5	37.8
≥ 4000		13.6	20.1	25.4	28.4	29.7	32.8	35.4	36.0	37.5	38.2	38.7	39.6	39.8	39.8	40.2
≥ 3500		15.0	22.0	28.2	31.5	32.9	36.0	38.6	39.2	40.7	41.4	41.9	42.8	43.1	43.1	43.4
≥ 3000		18.9	26.4	33.5	37.7	39.5	43.2	46.0	46.8	48.5	49.1	49.6	50.5	50.7	50.7	51.1
≥ 2500		24.2	33.7	43.2	48.8	51.1	55.6	59.2	60.4	62.9	63.6	64.3	65.4	65.8	65.6	66.0
≥ 2000		26.1	36.1	46.3	52.1	55.3	60.7	63.5	66.9	69.6	70.5	71.1	72.2	72.5	72.5	72.8
≥ 1800		26.4	36.8	47.4	53.3	56.6	61.9	66.9	68.2	71.0	71.0	72.5	73.6	73.8	73.8	74.2
≥ 1500		27.3	38.1	48.9	55.2	58.9	65.9	71.1	72.7	75.6	76.7	77.3	78.4	78.7	78.7	79.0
≥ 1200		27.7	39.1	50.7	57.2	61.2	68.4	74.7	76.6	79.9	81.0	81.6	82.8	83.0	83.0	83.4
≥ 1000		28.0	40.1	52.0	58.6	62.5	69.9	76.4	78.5	82.9	84.9	85.5	86.6	86.8	86.8	87.2
≥ 900		28.2	40.4	52.4	59.1	63.0	70.3	77.0	79.2	83.3	85.6	86.2	87.5	87.7	87.7	88.1
≥ 800		28.2	40.4	52.4	59.2	63.2	70.8	77.3	79.4	83.7	86.1	86.7	88.1	88.3	88.3	88.7
≥ 700		28.2	40.4	52.4	59.2	63.2	70.8	77.8	79.9	84.7	87.3	88.1	89.3	89.7	89.7	90.1
≥ 600		28.2	40.4	52.4	59.2	63.2	70.7	78.3	80.5	85.3	88.1	89.1	90.4	90.7	90.7	91.2
≥ 500		28.2	40.4	52.4	59.2	63.2	70.8	79.0	81.3	86.7	89.7	90.5	92.3	92.8	92.8	93.5
≥ 400		28.2	40.4	52.4	59.2	63.2	70.8	79.0	81.3	86.8	90.1	91.4	92.9	94.2	94.2	95.0
≥ 300		28.2	40.4	52.4	59.2	63.2	70.8	79.7	81.9	87.6	90.5	92.4	93.9	95.8	95.8	97.0
≥ 200		28.2	40.4	52.4	59.2	63.2	70.8	79.7	81.9	88.0	91.2	92.9	94.4	96.3	96.3	97.9
≥ 100		28.2	40.4	52.4	59.2	63.2	70.8	79.7	81.9	88.0	91.2	92.9	94.4	96.4	96.4	98.5
≥ 0		28.2	40.4	52.4	59.2	63.2	70.8	79.7	81.9	88.0	91.2	92.9	94.4	96.4	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 806

USAFETAC FORM AA 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		5.5	7.3	9.8	10.6	10.6	11.5	12.1	12.7	13.5	14.1	14.5	14.7	14.7	14.7
≥ 20000		8.4	10.5	13.6	14.3	14.5	15.9	16.9	17.5	18.4	19.1	19.4	19.7	20.0	20.0	20.2
≥ 18000		8.4	10.5	13.6	14.3	14.5	15.9	16.9	17.5	18.4	19.1	19.4	19.7	20.0	20.0	20.2
≥ 16000		8.4	10.5	13.6	14.3	14.5	15.9	16.9	17.5	18.4	19.1	19.4	19.7	20.0	20.0	20.2
≥ 14000		8.4	10.5	13.6	14.3	14.5	15.9	16.9	17.5	18.4	19.1	19.4	19.7	20.0	20.0	20.2
≥ 12000		8.6	10.7	13.8	14.6	14.7	16.1	17.1	17.7	18.6	19.3	19.6	19.9	20.2	20.2	20.4
≥ 10000		8.9	11.0	14.5	15.2	15.[illegible]	16.8	18.1	18.8	19.9	20.7	21.0	21.5	21.9	21.9	22.1
≥ 9000		9.0	11.3	14.9	15.6	15.7	17.6	18.8	19.8	20.8	21.8	22.2	22.9	23.6	23.6	23.9
≥ 8000		10.5	12.8	17.1	17.6	18.1	20.6	22.7	23.8	24.8	26.1	26.6	27.3	28.0	28.0	28.3
≥ 7000		12.0	14.3	19.1	20.1	20.5	23.0	25.3	26.5	27.6	28.9	29.4	30.3	30.9	30.9	31.2
≥ 6000		12.7	15.1	19.8	20.9	21.4	23.9	26.2	27.3	28.5	29.8	30.4	31.2	31.8	31.8	32.1
≥ 5000		13.7	16.2	21.4	22.9	23.9	26.7	29.2	30.5	31.8	33.2	33.7	34.6	35.2	35.2	35.5
≥ 4500		14.8	17.8	23.1	24.8	25.9	28.8	31.3	32.6	33.9	35.3	35.8	36.6	37.3	37.3	37.6
≥ 4000		16.5	19.9	25.3	27.2	28.3	31.2	33.7	35.2	36.6	38.1	38.6	39.5	40.1	40.1	40.4
≥ 3500		18.3	22.2	28.2	30.2	31.3	34.5	37.5	39.1	40.6	42.2	42.8	43.7	44.3	44.3	44.6
≥ 3000		21.7	26.6	33.4	36.0	37.2	41.6	44.7	46.5	48.5	50.2	50.8	51.6	52.3	52.3	52.6
≥ 2500		27.2	33.1	41.3	44.6	46.1	51.9	56.5	58.[illegible]	60.6	62.5	63.5	64.5	65.2	65.2	65.5
≥ 2000		28.9	35.1	44.1	47.7	49.3	55.4	60.4	62.4	65.[illegible]	67.6	68.6	69.6	70.4	70.4	70.7
≥ 1800		29.6	35.9	45.2	49.0	50.6	56.6	61.7	63.7	67.0	69.1	70.1	71.1	71.8	71.8	72.1
≥ 1500		31.5	38.3	48.2	52.5	54.1	60.6	65.8	68.[illegible]	71.5	73.9	75.0	76.0	77.0	77.0	77.3
≥ 1200		33.2	40.2	50.5	56.0	57.9	64.5	70.2	72.9	76.5	79.1	80.2	81.3	82.2	82.2	82.5
≥ 1000		33.8	41.0	51.3	56.9	58.[illegible]	66.1	71.8	73.0	77.5	82.1	83.4	84.5	85.5	85.5	85.9
≥ 900		34.1	41.4	51.6	57.2	59.1	66.4	72.1	73.4	80.1	83.1	84.5	85.7	86.7	86.7	87.2
≥ 800		34.1	41.4	51.6	57.3	59.3	66.6	72.6	73.8	80.9	84.2	85.5	86.7	87.9	87.9	88.4
≥ 700		34.1	41.4	51.6	57.3	59.3	66.6	73.3	74.5	82.0	85.5	87.3	88.5	89.8	89.8	90.4
≥ 600		34.1	41.4	51.6	57.3	59.3	66.8	73.6	76.9	82.6	86.2	88.0	89.1	90.8	90.8	91.3
≥ 500		34.1	41.4	51.6	57.3	59.3	66.9	73.8	77.1	83.2	87.2	89.3	90.5	92.5	92.5	93.2
≥ 400		34.1	41.4	51.6	57.3	59.3	66.9	73.8	77.1	83.4	87.6	90.1	91.6	93.9	93.9	94.8
≥ 300		34.1	41.4	51.6	57.3	59.3	66.9	74.2	77.6	84.1	88.9	91.1	92.7	95.3	95.4	97.1
≥ 200		34.1	41.4	51.6	57.3	59.3	66.9	74.2	77.6	84.2	88.8	91.3	92.9	95.6	95.7	98.4
≥ 100		34.1	41.4	51.6	57.3	59.3	66.9	74.2	77.6	84.2	88.8	91.3	92.9	95.6	95.7	99.7
≥ 0		34.1	41.4	51.6	57.3	59.3	66.9	74.2	77.6	84.2	88.8	91.3	92.9	95.6	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 955

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

36070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		5.6	7.8	10.6	11.7	11.8	12.7	13.3	13.6	14.1	14.2	14.3	14.3	14.7	14.7	14.7
≥ 20000		9.4	11.0	14.3	15.4	15.6	16.6	17.3	17.9	18.6	18.9	19.4	19.4	19.6	19.6	19.8
≥ 18000		9.4	11.0	14.3	15.4	15.6	16.6	17.3	17.9	18.6	18.9	19.4	19.4	19.6	19.6	19.8
≥ 16000		9.4	11.0	14.3	15.4	15.6	16.6	17.3	17.9	18.6	18.9	19.4	19.4	19.6	19.6	19.8
≥ 14000		9.4	11.0	14.3	15.4	15.6	16.6	17.3	17.9	18.6	18.9	19.4	19.4	19.6	19.6	19.8
≥ 12000		9.5	11.1	14.5	15.6	15.7	16.6	17.4	18.1	18.8	19.2	19.6	19.6	19.8	19.8	20.0
≥ 10000		9.7	11.6	15.0	16.1	16.2	17.4	18.1	18.7	19.6	19.9	20.4	20.4	20.6	20.6	20.8
≥ 9000		10.4	12.3	15.7	16.8	16.9	18.5	19.5	20.5	21.4	22.0	22.6	22.6	22.9	22.9	23.3
≥ 8000		11.6	13.6	17.5	18.8	19.3	21.6	23.0	24.0	25.0	25.7	26.3	26.3	26.6	26.6	27.1
≥ 7000		13.5	15.6	20.0	21.4	21.8	24.4	25.8	26.8	27.9	28.8	29.4	29.4	29.7	29.7	30.1
≥ 6000		14.0	16.3	20.9	22.3	22.8	25.4	26.8	28.3	29.4	30.2	30.8	30.8	31.1	31.1	31.5
≥ 5000		15.7	18.1	22.8	24.2	25.0	27.9	29.8	31.3	32.5	33.4	34.0	34.0	34.3	34.3	34.7
≥ 4500		16.3	18.8	23.8	25.3	26.2	29.2	31.1	32.6	33.8	34.7	35.3	35.3	35.6	35.6	36.0
≥ 4000		17.7	20.3	25.4	26.9	27.8	31.2	33.1	34.8	36.0	36.9	37.5	37.5	37.8	37.8	38.2
≥ 3500		19.4	22.2	28.0	29.9	31.0	34.8	36.8	38.8	40.1	41.1	41.7	41.7	42.2	42.2	42.6
≥ 3000		22.1	25.2	31.9	34.0	35.4	40.0	42.7	44.8	46.3	47.5	48.3	48.3	48.7	48.7	49.2
≥ 2500		29.7	33.5	42.5	45.7	47.2	52.9	56.5	58.8	61.1	62.5	63.3	63.3	63.9	63.9	64.4
≥ 2000		32.9	37.2	47.5	51.5	53.0	59.0	63.5	65.8	68.9	70.6	71.4	71.8	72.1	72.1	72.6
≥ 1800		33.3	37.7	48.2	52.1	53.7	59.9	64.4	66.7	69.8	71.5	72.3	72.4	72.9	72.9	73.5
≥ 1500		35.5	40.4	51.4	55.5	57.5	64.5	69.2	72.0	75.0	76.9	77.7	77.8	78.3	78.3	78.9
≥ 1200		37.8	43.4	54.8	59.7	62.1	69.8	75.1	78.1	81.4	83.7	84.4	84.8	85.3	85.3	85.9
≥ 1000		38.0	43.8	55.4	60.7	63.1	71.2	77.2	80.3	84.0	86.3	87.1	87.7	88.3	88.3	88.9
≥ 900		38.3	44.1	55.8	61.0	63.4	71.9	78.0	81.3	85.1	87.6	88.4	89.3	89.8	89.8	90.5
≥ 800		38.3	44.1	55.8	61.1	63.5	72.3	78.6	81.9	86.0	88.6	89.4	90.4	90.9	90.9	91.7
≥ 700		38.3	44.2	55.9	61.3	63.7	72.6	79.1	82.7	86.9	89.8	90.6	91.9	92.4	92.4	93.2
≥ 600		38.3	44.2	55.9	61.3	63.7	72.7	79.3	82.9	87.2	90.3	91.0	92.3	92.9	92.9	93.6
≥ 500		38.3	44.2	55.9	61.3	63.7	73.1	79.8	83.6	88.1	91.6	92.4	93.8	94.3	94.3	95.6
≥ 400		38.3	44.2	55.9	61.3	63.7	73.1	80.0	83.9	88.6	92.2	93.1	94.4	95.2	95.2	96.9
≥ 300		38.3	44.2	55.9	61.3	63.7	73.1	80.0	83.9	88.6	92.4	93.5	95.0	95.8	95.8	97.6
≥ 200		38.3	44.2	55.9	61.3	63.7	73.1	80.0	83.9	88.9	92.8	93.9	95.3	96.3	96.4	98.2
≥ 100		38.3	44.2	55.9	61.3	63.7	73.1	80.0	83.9	88.9	92.8	93.9	95.3	96.3	96.4	99.1
≥ 0		38.3	44.2	55.9	61.3	63.7	73.1	80.0	83.9	88.9	92.8	93.9	95.3	96.3	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 913

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING		5.8	8.4	12.3	13.3	13.6	15.1	15.8	16.1	16.4	16.5	16.5	16.5	16.5	16.5	16.5
≥ 20000		9.3	11.0	15.3	16.4	16.7	18.7	20.1	20.8	21.5	21.7	22.0	22.1	22.2	22.2	22.2
≥ 18000		9.3	11.0	15.3	16.4	16.7	18.7	20.1	20.8	21.5	21.7	22.0	22.1	22.2	22.2	22.2
≥ 16000		9.3	11.0	15.3	16.4	16.7	18.7	20.1	20.8	21.5	21.7	22.0	22.1	22.2	22.2	22.2
≥ 14000		9.3	11.0	15.3	16.4	16.7	18.7	20.1	20.8	21.5	21.7	22.0	22.1	22.2	22.2	22.2
≥ 12000		9.6	11.3	15.5	16.6	17.0	19.0	20.3	21.1	21.7	22.0	22.2	22.3	22.5	22.5	22.5
≥ 10000		9.8	11.7	15.9	17.0	17.4	19.4	20.7	21.5	22.1	22.3	22.6	22.7	22.8	22.8	22.8
≥ 9000		11.2	13.3	17.5	18.9	19.2	21.3	22.8	23.6	24.2	24.4	24.7	24.8	24.9	24.9	25.1
≥ 8000		13.3	15.4	20.1	21.6	22.1	24.7	26.3	27.3	28.4	28.7	28.9	29.0	29.2	29.2	29.3
≥ 7000		13.9	16.1	21.1	22.8	23.4	26.3	28.0	29.0	30.1	30.4	30.6	30.8	30.9	30.9	31.0
≥ 6000		14.0	16.3	21.3	23.2	23.9	26.9	28.7	29.7	30.8	31.0	31.3	31.4	31.5	31.5	31.6
≥ 5000		14.9	17.5	23.4	25.6	26.4	29.5	31.6	32.8	34.0	34.3	34.7	34.9	35.0	35.0	35.1
≥ 4500		15.8	18.4	24.7	26.9	27.8	30.9	33.0	34.1	35.4	35.9	36.1	36.2	36.4	36.4	36.8
≥ 4000		17.9	21.0	27.7	29.9	30.8	34.0	36.1	37.2	38.6	39.2	39.5	39.7	39.8	39.8	40.0
≥ 3500		19.5	23.0	30.1	32.5	33.4	36.8	39.0	40.1	41.4	42.6	42.8	43.1	43.2	43.2	43.3
≥ 3000		23.6	27.0	35.0	37.3	38.2	42.4	44.8	46.0	47.9	49.3	49.5	49.8	49.9	49.9	50.0
≥ 2500		30.5	34.6	44.3	47.5	48.6	55.5	58.6	60.2	62.0	63.5	63.8	64.3	64.4	64.4	64.5
≥ 2000		34.1	38.7	49.0	52.4	53.7	61.0	64.4	66.4	69.0	70.6	70.8	71.3	71.5	71.5	71.6
≥ 1800		34.2	38.8	49.4	52.7	54.1	61.4	64.8	66.7	69.4	71.0	71.2	71.7	71.8	71.8	72.0
≥ 1500		36.2	41.4	52.2	56.2	58.1	65.6	69.2	71.3	74.2	75.9	76.3	76.8	77.3	77.3	77.4
≥ 1200		38.6	44.3	56.0	60.3	62.2	71.8	75.3	77.5	80.5	82.8	83.4	83.9	84.4	84.4	84.5
≥ 1000		39.8	45.8	57.4	62.0	64.0	74.1	77.5	79.8	83.7	86.0	86.7	87.[illegible]	88.2	88.3	88.7
≥ 900		40.3	46.4	58.2	62.9	64.9	74.9	78.4	80.9	85.0	87.2	88.0	89.0	89.5	89.6	90.0
≥ 800		40.4	46.6	58.6	63.3	65.3	75.9	79.7	82.3	86.6	89.2	90.1	91.1	91.6	91.7	92.1
≥ 700		40.4	46.8	58.6	63.3	65.3	75.9	79.8	82.4	87.1	90.1	90.9	91.9	92.4	92.6	92.9
≥ 600		40.4	46.8	58.6	63.3	65.3	75.9	79.8	82.4	87.1	90.1	90.9	91.9	92.4	92.6	92.9
≥ 500		40.4	46.8	58.6	63.3	65.3	75.9	79.9	83.0	87.8	90.8	91.7	92.8	93.7	93.8	94.2
≥ 400		40.4	46.8	58.6	63.3	65.3	75.9	80.0	83.6	88.5	91.6	92.6	93.7	95.0	95.2	95.9
≥ 300		40.4	46.8	58.6	63.3	65.3	75.9	80.0	83.6	88.7	91.8	93.1	94.2	95.7	95.8	96.8
≥ 200		40.4	46.8	58.6	63.3	65.3	75.9	80.0	83.6	89.1	92.2	93.4	94.5	96.0	96.2	98.1
≥ 100		40.4	46.8	58.6	63.3	65.3	75.9	80.0	83.6	89.1	92.2	93.4	94.5	96.0	96.2	98.5
≥ 0		40.4	46.8	58.6	63.3	65.3	75.9	80.0	83.7	89.2	92.3	93.5	94.7	96.2	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 806

USAFETAC FORM JUN 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-66,68-69 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING		9.5	10.4	13.2	14.6	14.6	17.9	18.9	19.3	19.8	20.3	20.3	20.3	20.3	20.3	20.3
≥ 20000		9.9	10.8	13.7	15.6	15.6	19.3	20.3	21.2	22.6	23.1	23.1	23.6	23.6	23.6	23.6
≥ 18000		9.0	10.8	13.7	15.6	15.6	19.3	20.3	21.2	22.6	23.1	23.1	23.6	23.6	23.6	23.6
≥ 16000		9.0	10.8	13.7	15.6	15.6	19.3	20.3	21.2	22.6	23.1	23.1	23.6	23.6	23.6	23.6
≥ 14000		9.0	10.8	13.7	15.6	15.6	19.3	20.3	21.2	22.6	23.1	23.1	23.6	23.6	23.6	23.6
≥ 12000		9.0	10.8	13.7	15.6	15.6	19.3	20.3	21.2	22.6	23.1	23.1	23.6	23.6	23.6	23.6
≥ 10000		9.4	11.3	14.2	16.0	16.0	19.8	20.8	21.7	23.1	23.6	23.6	24.1	24.1	24.1	24.1
≥ 9000		9.9	11.8	14.6	16.5	16.5	20.3	21.2	22.2	23.6	24.1	24.1	24.5	24.5	24.5	24.5
≥ 8000		11.3	13.2	16.5	18.4	18.4	22.2	24.1	25.0	27.4	27.8	27.8	28.3	28.3	28.3	28.3
≥ 7000		11.8	13.7	17.0	19.8	19.8	23.6	25.9	26.9	29.2	29.7	29.7	30.2	30.2	30.2	30.2
≥ 6000		11.8	13.7	17.0	19.8	19.8	24.1	26.4	27.4	29.7	30.2	30.2	30.7	30.7	30.7	30.7
≥ 5000		12.3	14.6	18.4	21.2	21.2	25.5	28.3	29.2	31.6	32.5	32.5	33.0	33.0	33.0	33.0
≥ 4500		13.7	16.0	19.8	23.1	23.1	27.4	30.2	31.1	33.5	34.4	34.4	34.9	34.9	34.9	34.9
≥ 4000		13.7	16.5	21.2	24.5	24.5	29.2	32.1	33.0	35.4	36.8	36.8	37.3	37.3	37.3	37.3
≥ 3500		17.0	20.3	25.9	29.7	29.7	34.4	37.3	38.2	41.0	42.5	42.5	42.9	42.9	42.9	42.9
≥ 3000		18.9	22.2	29.2	33.0	33.0	38.7	41.5	42.9	46.2	47.6	47.6	48.1	48.1	48.1	48.1
≥ 2500		22.6	26.4	34.0	38.2	38.2	45.3	48.1	49.5	52.8	54.7	54.7	55.2	55.2	55.2	55.2
≥ 2000		27.4	31.1	39.2	43.9	44.3	53.3	56.1	57.5	60.8	63.7	63.7	64.2	64.2	64.2	64.2
≥ 1800		27.8	31.6	40.1	44.8	45.3	54.2	57.1	59.0	62.3	65.1	65.1	65.6	65.6	65.6	65.6
≥ 1500		28.3	34.4	44.3	49.5	50.5	59.9	62.7	64.6	68.9	72.2	72.2	72.6	72.6	72.6	72.6
≥ 1200		30.2	36.8	47.6	54.2	55.7	65.6	68.4	70.3	76.4	79.7	79.7	80.2	80.2	80.2	80.2
≥ 1000		31.1	39.2	50.0	56.6	58.0	68.9	72.2	74.5	81.6	85.8	85.8	86.8	87.3	87.3	87.3
≥ 900		31.1	39.2	50.0	56.6	58.0	68.9	72.2	74.5	82.1	86.3	86.3	87.3	87.7	87.7	87.7
≥ 800		32.1	40.1	50.9	57.5	59.0	69.8	73.6	75.9	83.5	88.2	88.2	89.2	89.6	89.6	89.6
≥ 700		32.1	40.6	51.4	58.0	59.4	70.3	74.1	76.4	84.0	88.7	88.7	89.6	90.1	90.1	90.1
≥ 600		32.1	40.6	51.4	58.0	59.4	70.3	74.1	76.9	85.4	90.1	90.6	91.5	92.0	92.0	92.0
≥ 500		32.1	40.6	51.4	58.0	59.9	70.8	74.5	77.8	86.3	91.0	91.5	92.5	92.9	92.9	92.9
≥ 400		32.1	40.6	51.4	58.0	59.9	70.8	74.5	78.3	86.8	92.9	93.4	94.3	95.3	95.3	95.3
≥ 300		32.1	40.6	51.4	58.0	59.9	70.8	74.5	78.3	87.3	93.4	93.9	95.3	96.2	96.7	97.2
≥ 200		32.1	40.6	51.4	58.0	59.9	70.8	74.5	78.8	87.7	93.9	94.3	95.8	96.7	97.2	98.1
≥ 100		32.1	40.6	51.4	58.0	59.9	70.8	74.5	78.8	87.7	93.9	94.3	96.2	97.2	97.6	98.6
≥ 0		32.1	40.6	51.4	58.0	59.9	70.8	74.5	78.8	87.7	93.9	94.3	96.2	97.2	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 212

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/ 'AC

CEILING VERSUS VISIBILITY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 66 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 20000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 18000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 16000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 14000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 12000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 10000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 9000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 8000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 7000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 6000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 5000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 4500									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 4000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 3500									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 3000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 2500									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 2000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 1800									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 1500									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 1200									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 1000									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 900									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 800									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 700									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 600									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 500									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 400									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 300									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 200									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 100									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0
≥ 0									50.0	50.0	50.0	50.0	50.0	50.0	50.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART D SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
59-70 — PERIOD
ALL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	7.3	2.1	2.8	2.4	1.8	1.5	2.2	2.2	5.9	5.6	66.2	8.2	3629
FEB		8.7	3.0	2.0	3.4	3.0	2.7	3.2	2.4	6.0	7.0	58.6	7.8	3375
MAR		8.6	3.7	2.1	7.9	7.5	7.2	2.5	2.9	6.2	5.7	45.7	6.9	4093
APR		9.6	2.9	4.3	4.4	7.3	3.6	4.4	4.1	9.2	7.6	42.7	7.0	4176
MAY		5.1	4.4	4.0	4.3	5.8	4.2	5.0	5.4	12.4	9.3	40.3	7.2	4202
JUN		9.3	5.1	3.4	5.7	6.2	5.3	5.1	5.6	9.5	9.4	35.4	6.7	4192
JUL		6.[illegible]	4.5	2.3	4.5	8.4	7.8	4.0	4.2	11.9	11.8	34.7	7.0	4100
AUG		7.0	5.6	2.5	5.2	5.2	4.4	5.1	6.0	11.7	10.2	37.1	7.0	4203
SEP		8.9	16.5	2.6	4.7	12.8	2.9	3.8	2.9	6.6	9.8	28.6	5.7	3930
OCT		9.6	3.5	3.8	3.1	3.6	2.4	3.2	2.9	6.4	8.0	53.4	7.4	4080
NOV		4.1	1.9	1.8	2.3	2.8	2.5	2.9	3.4	6.0	7.3	64.5	8.4	3813
DEC		12.1	1.4	1.8	1.9	1.9	1.0	1.6	1.9	4.3	11.0	61.2	7.9	3776
TOTALS		8.0	4.6	2.8	4.2	5.5	3.8	3.6	3.7	8.0	8.6	47.4	7.3	47569

USAFETAC FORM JUL 64 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02													
	03-05	16.2	3.0	5.1	3.0			2.0		4.0	2.0	64.6	7.3	99
	06-08	8.6	1.4	2.3	2.0	3.0	3.0	1.5	1.8	4.8	4.3	67.5	8.1	800
	09-11	4.3	1.4	1.8	1.8	2.4	1.9	1.4	3.0	6.3	7.3	68.3	8.6	901
	12-14	4.1	2.1	2.4	2.4	2.3	1.9	1.9	2.9	6.8	8.1	65.2	8.4	864
	15-17	5.1	2.7	2.4	3.0	2.0	1.5	3.0	2.9	6.1	8.1	63.2	8.2	791
	18-20	5.7	1.7	2.9	2.3	1.1	.6	3.4	2.3	7.5	4.0	68.4	8.4	174
	21-23													
TOTALS		7.3	2.1	2.8	2.4	1.8	1.5	2.2	2.2	5.9	5.6	66.2	8.2	3629

USAFETAC FORM JUL 64 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34070 STATION | BAD KREUZNACH GERMANY AAF STATION NAME | 60-70 PERIOD | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
FEB	00-02													
	03-05	15.1	4.3	3.2	3.2	1.1	1.1	3.2	1.1	1.1	1.1	65.6	7.3	93
	06-08	10.0	2.6	1.7	2.6	3.8	2.2	2.5	2.4	6.5	7.1	58.3	7.7	758
	09-11	5.3	1.6	2.3	3.1	3.4	2.9	3.9	2.7	8.6	7.5	58.6	8.1	829
	12-14	5.3	2.6	2.1	3.1	2.6	3.5	3.6	2.6	7.1	8.8	58.4	8.0	798
	15-17	7.3	3.5	1.6	3.1	3.1	1.9	3.4	3.0	7.7	7.6	57.7	7.9	738
	18-20	9.4	2.5	1.3	5.0	3.8	4.4	3.1	2.5	5.0	10.1	52.8	7.5	159
	21-23													
TOTALS		8.7	3.0	2.0	3.4	3.0	2.7	3.3	2.4	6.0	7.0	58.6	7.8	3375

USAFETAC FORM JUL 64 0-9-5 (OL.I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
50-70 — PERIOD
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02				33.3	33.3	33.3						4.0	3
	03-05	21.8	1.3	2.6	3.8	2.6			1.3	5.1		61.5	6.9	78
	06-08	9.4	4.5	3.1	4.3	3.5	3.0	2.4	2.1	5.8	7.4	54.6	7.4	959
	09-11	7.5	5.9	2.9	4.0	3.0	2.8	2.9	2.4	8.6	6.8	53.2	7.5	966
	12-14	5.6	4.3	3.1	3.4	2.5	3.4	4.2	5.4	9.9	9.4	48.5	7.6	929
	15-17	7.2	4.6	2.2	3.5	3.8	3.5	4.8	4.7	7.1	8.0	50.5	7.5	869
	18-20	8.2	5.0	1.1	3.2	3.6	4.3	3.2	4.7	6.8	8.6	51.3	7.5	279
	21-23													
TOTALS		8.6	3.7	2.1	7.9	7.5	7.2	2.5	2.9	6.2	5.7	45.7	6.9	4093

USAFETAC FORM JUL 64 0 9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34070	BAD KREUZNACH GERMANY AAF	60-70	APR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02													
	03-05	6.9	3.8	3.1	4.6	6.2	5.4	3.8	5.4	3.8	5.4	51.5	7.3	130
	06-08	9.6	4.5	2.5	5.2	4.0	3.0	3.9	4.4	6.9	8.2	47.9	7.2	929
	09-11	8.6	3.7	2.7	2.5	5.4	4.4	4.8	3.0	10.4	7.1	47.3	7.3	949
	12-14	5.2	3.4	1.6	3.2	2.9	4.5	5.5	5.8	12.6	12.4	42.5	7.6	924
	15-17	4.0	2.7	1.9	3.4	4.2	4.1	6.8	6.1	13.2	10.8	42.3	7.6	888
	18-20	5.9	2.1	2.1	6.5	7.1	3.6	5.9	4.2	12.2	9.2	41.2	7.3	337
	21-23	26.3		15.8	5.3	21.1				5.3		26.3	4.4	19
TOTALS		9.6	2.9	4.3	4.4	7.3	3.6	4.4	4.1	9.2	7.6	42.7	7.0	4176

USAFETAC FORM JUL 64 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 50-70 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02													
	03-05	7.8	7.0	9.4	6.3	10.2	2.3	1.6	5.5	6.3	.8	43.0	6.3	128
	06-08	9.3	7.0	4.1	4.4	4.6	2.5	3.1	3.6	9.0	9.4	42.9	6.9	944
	09-11	5.9	4.2	1.9	4.2	4.2	4.9	5.0	4.9	13.3	10.6	39.1	7.3	937
	12-14	2.6	2.1	2.4	3.1	5.2	4.7	7.5	5.7	16.0	12.8	37.9	7.7	935
	15-17	1.4	1.0	2.0	4.9	4.8	5.9	5.8	6.6	16.4	12.8	37.7	7.7	905
	18-20	3.3	4.2	3.9	3.0	6.0	4.8	6.9	6.3	11.3	9.3	41.2	7.4	335
	21-23													
TOTALS		5.1	4.4	4.0	4.3	5.8	4.2	5.0	5.4	12.4	9.3	40.3	7.2	4202

USAFETAC FORM JUL 64 0-0-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

SKY COVER

34070 BAD KREUZNACH GERMANY AAF 60-70 JUN

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02													
	03-05	15.6	7.6	5.5	7.0	6.3	5.5	3.1	9.6	9.4	7.8	22.7	5.5	128
	06-08	16.6	7.1	2.6	5.8	4.9	4.4	5.0	4.0	6.3	8.6	34.6	6.0	945
	09-11	9.5	6.6	3.9	4.9	5.7	5.9	4.8	4.6	9.1	7.6	37.6	6.6	961
	12-14	3.5	3.4	3.4	5.6	6.3	6.4	6.5	4.1	11.7	10.0	39.1	7.3	941
	15-17	3.6	2.6	1.5	4.8	6.1	6.0	7.3	6.7	11.7	11.7	38.0	7.4	895
	18-20	6.5	3.1	3.7	6.2	8.1	3.7	4.0	5.0	8.7	10.9	40.1	7.1	322
	21-23													
TOTALS		9.3	5.1	3.4	5.7	6.2	5.3	5.1	5.6	9.5	9.4	35.4	6.7	4192

USAFETAC FORM JUL 64 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — PERIOD
JUL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 0	1	2	3	4	5	6	7	8	9	10	MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
JUL	00-02										33.3	66.7	9.7	3
	03-05	12.7	7.9	4.8	9.[illegible]	4.0	1.6	7.1	7.1	6.7	4.8	31.7	5.9	126
	06-08	12.[illegible]	7.6	4.6	5.7	5.6	4.[illegible]	3.2	3.6	8.0	8.6	36.5	6.3	929
	09-11	10.6	5.[illegible]	2.2	4.4	6.5	5.3	5.0	5.1	11.3	11.4	32.2	6.6	944
	12-14	3.3	4.9	1.9	6.7	4.2	6.5	7.1	7.0	13.3	12.0	33.2	7.2	914
	15-17	3.6	5.0	2.0	5.7	7.4	5.3	4.6	6.1	11.4	13.5	35.2	7.2	862
	18-20	4.7	5.6	3.1	3.8	6.3	5.3	4.7	5.0	8.8	11.0	41.7	7.2	319
	21-23					33.3	33.3			33.3			5.7	3
TOTALS		6.[illegible]	5.5	2.3	4.5	6.4	7.8	4.0	4.2	11.9	11.8	34.7	7.0	4100

USAFETAC FORM JUL 64 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34070 BAD KREUZNACH GERMANY AAF 60-70 AUG

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02													
	03-05	6.0	9.1	4.5	6.8	3.8	2.3	3.0	9.1	12.1	3.8	38.6	6.6	132
	06-08	10.3	8.7	2.6	5.2	4.8	3.7	3.6	3.1	7.8	10.3	39.7	6.6	534
	09-11	3.2	4.2	3.5	5.1	6.3	5.1	4.1	5.9	16.2	10.6	35.8	6.9	965
	12-14	5.5	3.5	1.1	4.2	3.8	5.5	5.9	6.6	14.9	14.2	34.8	7.4	999
	15-17	4.7	3.6	.9	3.7	5.2	6.1	6.7	6.5	15.0	12.9	34.6	7.4	869
	18-20	6.2	4.6	2.2	6.2	7.1	3.4	7.4	4.9	9.3	9.6	39.2	7.0	324
	21-23													
TOTALS		7.0	5.6	2.5	5.2	5.2	4.4	5.1	6.0	11.7	10.2	37.1	7.0	4203

USAFETAC FORM JUL 64 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34070 BAD KREUZNACH GERMANY AAF 60-70 SEP

STATION STATION NAME PER OD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02		100.0										1.0	1
	03-05	23.1	4.3	5.1	8.5	3.4	3.4	2.6	3.4	5.1	3.4	37.6	5.6	117
	06-08	6.9	6.6	3.5	5.8	5.3	5.2	3.9	2.9	7.0	10.7	42.2	7.0	882
	09-11	10.5	5.6	4.0	5.2	3.8	3.8	4.3	3.7	8.5	9.1	40.5	6.7	897
	12-14	9.1	4.4	3.0	6.0	4.6	3.1	6.4	6.4	11.0	11.9	34.2	6.8	872
	15-17	10.[illegible]	4.9	2.7	5.8	4.5	4.4	7.1	3.8	10.0	9.8	37.1	6.8	844
	18-20	11.8	5.1	2.6	6.1	5.4	3.5	6.1	2.6	11.5	8.3	37.1	6.6	313
	21-23					75.0					25.0		5.3	4
TOTALS		8.9	16.5	2.6	4.7	12.8	2.9	3.8	2.9	6.6	9.8	28.6	5.7	3930

USAFETAC FORM JUL 64 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34C70 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — PERIOD
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02													
	03-05	14.0	4.0	8.0	3.0	5.0		1.0	4.0	3.0	7.0	51.0	6.8	100
	06-08	6.1	3.4	2.7	2.6	2.5	3.2	2.2	1.9	6.6	7.8	61.1	8.0	914
	09-11	6.2	2.9	2.5	2.7	2.6	2.3	1.9	1.8	6.6	10.0	60.3	8.1	950
	12-14	9.6	3.0	2.5	2.9	3.9	3.4	4.2	3.5	8.3	7.9	50.8	7.4	920
	15-17	10.4	3.7	3.1	3.0	3.6	2.2	6.2	3.4	8.7	8.9	46.7	7.2	890
	18-20	11.1	4.2	3.9	4.6	3.9	3.3	3.9	2.9	5.2	6.5	50.3	7.1	306
	21-23													
TOTALS		9.6	3.5	3.8	3.1	3.6	2.4	3.2	2.9	6.4	8.0	53.4	7.4	4080

DATA PROCESSING DIVISION
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SKY COVER

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
59-70 — PERIOD
NOV — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02													
	03-05	6.6	1.1	2.2	2.2	2.2		2.2	4.4	4.4	6.6	68.1	8.4	91
	06-08	6.6	1.9	1.4	2.7	3.3	2.0	1.9	3.0	5.5	5.1	66.5	8.2	843
	09-11	2.9	2.4	1.6	2.1	2.1	3.1	1.3	2.2	5.9	8.7	67.7	8.6	935
	12-14	2.2	1.7	1.3	2.2	3.5	2.2	2.8	4.2	8.0	11.1	60.7	8.5	898
	15-17	2.4	1.0	1.3	3.8	2.7	3.6	3.8	2.7	6.9	9.1	62.1	8.4	823
	18-20	4.0	2.7	2.7	3.6	3.1	4.0	5.4	4.0	5.4	3.1	61.9	8.0	223
	21-23													
TOTALS		4.1	1.9	1.8	2.8	2.8	2.5	2.9	3.4	6.0	7.3	64.5	8.4	3813

USAFETAC FORM JUL 64 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

34070 STATION | BAD KREUZNACH GERMANY AAF STATION NAME | 59-70 PERIOD | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02											100.0	10.0	1
	03-05	16.7		4.8	3.6	3.6		1.2	3.6	6.0	1.2	59.5	7.2	84
	06-08	9.9	1.5	2.1	3.5	2.2	1.1	3.6	2.4	4.6	6.1	63.0	7.9	805
	09-11	5.4	2.[illegible]	1.0	1.6	2.1	2.0	2.1	2.3	7.5	9.4	64.5	8.5	955
	12-14	4.2	2.9	1.2	2.1	1.3	1.9	2.4	2.6	6.1	9.3	66.0	8.5	912
	15-17	5.6	1.6	2.5	2.5	2.5	1.0	1.5	2.7	6.5	7.6	66.7	8.4	805
	18-20	5.7	2.8	2.8	1.9	3.8	1.9	1.9	1.9	3.3	4.2	69.8	8.3	212
	21-23	50.0									50.0		4.5	2
TOTALS		12.1	1.4	1.8	1.9	1.9	1.0	1.6	1.9	4.3	11.0	61.2	7.9	3776

USAFETAC FORM 0 9-5 (OLI) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

   NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

E

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\overline{X}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) ALL (MONTH)

PAGE 1 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23	24	25	26	27	28	29-30	≥31	TOTAL DB W.B Dry B	TOTAL Wet Bulb	Dew Point
96/ 95													.0	.0	.0							7	7	
94/ 93									.0			.0	.0	.0	.0							21	21	
92/ 91								.0	.0	.0		.0	.0	.0	.0							40	40	
90/ 89								.0	.0	.0		.1	.1	.0								83	83	
88/ 87							.0	.0	.0	.1		.1	.0	.0								118	118	
86/ 85						.0	.0	.1	.1	.1		.1	.0									207	207	
84/ 83						.0	.1	.1	.1	.1		.1	.0									258	258	
82/ 81					.0	.0	.1	.2	.2	.1		.0	.0									369	369	
80/ 79				.0	.0	.1	.2	.3	.3	.1		.0	.0									540	540	
78/ 77				.0	.1	.2	.3	.4	.3	.1		.0	.0									685	685	3
76/ 75				.0	.1	.3	.5	.4	.2	.1		.0	.0									809	809	11
74/ 73			.0	.1	.4	.5	.5	.5	.2	.1		.0										1056	1056	63
72/ 71		.0	.	.2	.5	.6	.6	.4	.2	.1		.0	.0									1214	1214	184	6
70/ 69		.0	.1	.4	.6	.7	.6	.3	.1	.0												1419	1419	380	23
68/ 67	.0	.0	.4	.6	.8	.8	.6	.2	.1	.0												1656	1656	741	98
66/ 65		.2	.5	.8	.9	.8	.5	.2	.0													1916	1916	1170	169
64/ 63	.0	.4	.8	1.0	.9	.7	.4	.1	.0													2017	2017	1712	510
62/ 61	.0	.7	1.	1.1	.9	.6	.3	.1	.0													2212	2212	2132	982
60/ 59	.1	.8	1.2	1.3	.8	.5	.2	.0														2299	2299	2537	1530
58/ 57	.1	1.1	1.3	1.1	.7	.3	.1	.0														2297	2297	2913	2060
56/ 55	.2	1.3	1.4	.9	.6	.2	.0	.0														2234	2234	3173	2487
54/ 53	.2	1.2	1.3	.8	.5	.2	.0	.0														1933	1933	3025	2752
52/ 51	.2	1.2	1.4	.8	.3	.1	.0															1922	1922	2759	2909
50/ 49	.2	1.2	1.5	.8	.4	.1	.0															1982	1982	2548	3234
48/ 47	.3	1.4	1.5	.7	.2	.1	.0															1978	1978	2290	2881
46/ 45	.3	1.8	1.5	.5	.2	.0																2089	2089	2348	2684
44/ 43	.3	1.9	1.4	.4	.1	.0																1960	1960	2263	2644
42/ 41	.4	1.9	1.3	.3	.1																	1868	1868	2327	2533
40/ 39	.5	2.3	1.1	.2	.0																	1955	1955	2233	2680
38/ 37	.4	2.5	.8	.2	.0																	1883	1883	2201	2392
36/ 35	.6	2.4	.7	.1	.0																	1825	1825	2155	2570
34/ 33	.9	2.2	.6	.1	.0																	1771	1771	2143	2601
32/ 31	.7	1.7	.3	.0																		1295	1295	1709	2405
30/ 29	.4	1.4	.3	.0																		996	996	1195	1761

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 39-70 (YEARS) ALL (MONTH)

PAGE 2 ALL (HOURS)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22-23	24-25	26	27-29	29	30	+31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																						
28/ 27	.5	.9	.2	[illegible]																745	745	995	1311
26/ 25	.3	.9	.1																	579	579	711	1026
24/ 23	.2	.5	.1																	371	371	476	837
22/ 21	.2	.4	[illegible]																	280	280	338	615
20/ 19	.1	.3	[illegible]																	218	222	258	519
18/ 17	.1	.2	[illegible]																	149	149	189	352
16/ 15	.1	.1	[illegible]																	91	91	122	243
14/ 13	.1	.1																		69	69	88	176
12/ 11	.1	.1																		66	66	73	142
10/ 9	.1	.0																		49	49	56	114
8/ 7	.0	.0																		28	30	33	111
6/ 5	.0	.0																		24	25	28	90
4/ 3	.0	.0																		15	15	13	55
2/ 1	.0	.0																		9	9	11	34
0/ -1	.0	.0																		10	10	10	25
-2/ -3	.0	.0																		4	4	5	15
-4/ -5																							11
-6/ -7																							7
-8/ -9																							4
-10/-11																							1
TOTAL	7.5	11.2	20.9	12.4	9.0	6.8	5.0	3.6	2.0	.9	.5	.2	.1	.0						47621	47628	47621	47621

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature: ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	267965884	3481420	73.1	16.806	47621							
Dry Bulb	136510187	2403391	51.7	15.266	47628	2.8	986.0	1505.5	743.6	241.0	5.0	8760
Wet Bulb	111759477	2232151	46.9	12.234	47621	3.0	1238.5	246.1	13.8			8760
Dew Point	92455320	2020558	42.4	11.859	47621	12.7	1907.6	22.7				8760

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
JAN — MONTH
PAGE 1
ALL — HOURS (LST)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23	24 25	26 27	28 29	30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57					.1														2	2		
56/ 55			.	.0															2	2		
54/ 53		.0	.1	.1															9	9		
52/ 51		.1	.0	.4	.0														41	41	2	
50/ 49		.4	.8	.2	.1														55	55	18	4
48/ 47	.0	.9	1.3	.3	.0														94	94	54	10
46/ 45	.1	1.6	1.2	.4															120	120	82	43
44/ 43	.3	2.8	2.4	.6	.0														222	222	138	79
42/ 41	.7	3.3	2.2	.2															230	230	189	125
40/ 39	.7	4.7	1.7																258	258	273	163
38/ 37	1.6	5.4	1.5	.1															310	310	350	248
36/ 35	1.9	6.4	1.2																342	342	316	338
34/ 33	3.2	6.2	1.3																387	387	432	417
32/ 31	2.5	5.3	.9																312	312	330	407
30/ 29	2.1	3.9	1.[illegible]																252	252	287	345
28/ 27	1.8	3.3	.9	.0															219	219	224	219
26/ 25	1.0	4.2	.4																206	206	225	195
24/ 23	.5	3.0	.5																146	146	159	165
22/ 21	.9	2.4	.2																127	127	163	151
20/ 19	.3	1.7	.3																90	91	106	153
18/ 17	.1	1.4	.1																56	56	77	138
16/ 15	.2	.9	.[illegible]																39	39	49	106
14/ 13	.2	.6																	31	31	44	63
12/ 11	.3	.4																	27	27	28	59
10/ 9	.3	.2																	19	19	24	48
8/ 7	.1	.2																	10	12	13	40
6/ 5	.1	.1																	7	8	10	38
4/ 3	.0	.1																	5	5	2	30
2/ 1	.1	.1																	4	4	6	15
0/ -1	.1	.1																	4	4	4	10
-2/ -3	.1	.0																	3	3	4	7
-4/ -5																						4
-6/ -7																						4
-8/ -9																						4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ TAC

PSYCHROMETRIC SUMMARY

34070 BAD KREUZNACH GERMANY AAF 60-70 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23	24-25	26-27	28-29	TOTAL ≥31 DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-10/-11																					1
TOTAL	19	459	601	8	2	3	2												3633		3629
																		3629		3629	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	25541812	301970	83.2	10.693	3629							
Dry Bulb	4303073	120721	33.2	8.961	3633	1.4	319.7					744
Wet Bulb	3894979	114643	31.6	8.476	3629	1.6	359.8					744
Dew Point	3293372	103608	28.6	9.614	3629	6.2	451.4					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISIO
USAF ETAC
AIR WEATHER SERVICE/ AC

PSYCHROMETRIC SUMMARY

340*0 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60*70 — YEARS
PSS
PAGE 1
ALL

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
62/ 1				.1	.1	.0												7	7			
60/ 59			.0	.1		.1	.1											9	9			
58/ 57		.0	.1		.1	.1	.0											7	7			
56/ 55			.2		.0	.0												9	9	7	1
54/ 53		.1	.4	.1	.3	.1												35	35	6	1
52/ 51		.4	1.3	.6	.2	.1	.1											90	90	13	6
50/ 49	.0	.7	1.4	.9	.4													115	115	39	11
48/ 47		1.2	1.7	1.0	.4													146	146	93	42
46/ 45		2.1	2.1	.7	.1													161	161	139	57
44/ 43	.3	2.5	1.8	.5	.1													175	175	179	100
42/ 41	.5	3.3	2.4	.5	.1													234	234	224	127
40/ 39	.9	5.3	3.1	.8	.1													345	345	271	222
38/ 37	.4	6.1	2.4	.7	.0													328	328	302	234
36/ 35	1.1	6.4	2.5	.8	.0													366	360	383	315
34/ 33	1.2	4.8	2.1	.5	.0													295	295	343	361
32/ 31	1.5	4.6	1.5	.3														264	264	348	353
30/ 29	.8	4.5	1.1	.1														222	222	234	281
28/ 27	1.5	3.7	.5	.0														195	195	269	230
26/ 25	.8	1.6	.5															107	107	185	262
24/ 23	.5	1.0	.3															61	61	79	200
22/ 21	.2	.8	.4															45	45	55	147
20/ 19	.4	.5	.1															45	46	49	93
18/ 17	.2	.4																22	22	43	85
16/ 15	.1	.2																11	11	14	48
14/ 13	.1	.2																8	8	9	31
12/ 11	.2	.2																15	18	16	32
10/ 9	.2	.2																16	16	16	22
8/ 7	.2	.1																12	12	13	41
6/ 5	.3	.0																11	11	13	19
4/ 3	.2	.1																10	10	10	13
2/ 1	.1																	3	3	3	12
0/ -1	.2																	6	6	6	12
-2/ -3	.0																	1	1	1	8
-4/ -5																					7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEAR
FEB — MONTH

PAGE 2 ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3 4	5-6	7-8	9	10	11-12	13-14	15	16	17-18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-6/ -7																													3
TOTAL	12.0	51.5	26.1	7.7	1.0	.4	.2																			3379	3378	3378	3378

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21937557	269085	79.7	12.202	3378							
Dry Bulb	4682851	121959	36.1	9.120	3379	1.4	210.2					672
Wet Bulb	4105056	114320	33.8	8.363	3378	1.4	2.4.3					672
Dew Point	3355412	101770	30.1	9.257	3378	5.0	370.2					672

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) MAR (MONTH)

PAGE 1 ALL (HOURS)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23	24	25 - 26	27 - 28	29	30	31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73								.0	.0											3	3		
72/ 71						.0	.0	.0												4	4		
70/ 69								.1	.0											4	4		
68/ 67						.0	.1	.1	.0											9	9		
66/ 65						.1	.1	.1												11	11		
64/ 63					.2	.3	.0	.0												24	24		
62/ 61				.0	.2	.4	.0	.0												26	26	3	
60/ 59				.2	.3	.3	.2	.1												45	45	1	
58/ 57			.1	.3	.5	.2	.2													52	52	5	
56/ 55		.1	.4	.8	.5	.3	.1	.1												91	91	24	1
54/ 53		.0	.9	1.3	1.0	.3	.0	.0												149	149	55	2
52/ 51		.3	1.6	1.7	1.0	.4	.0													218	218	62	10
50/ 49		1.1	2.5	2.5	1.4	.2	.1													322	322	147	34
48/ 47		1.6	3.2	2.4	.7	.3	.0													342	342	242	83
46/ 45	.2	2.3	3.5	2.3	.9	.2														385	385	327	152
44/ 43	.1	3.1	3.8	1.7	.7	.2														392	392	415	233
42/ 41	.4	3.0	3.7	1.5	.6															379	379	459	305
40/ 39	.6	3.1	2.4	1.1	.3															308	308	433	373
38/ 37	.4	3.0	2.5	1.5	.0															305	305	404	410
36/ 35	.5	3.6	2.7	.4																293	293	362	411
34/ 33	.4	3.1	2.1	.3																242	242	343	388
32/ 31	.4	2.3	.6	.2																144	144	287	372
30/ 29	.2	2.2	.4	.1																122	122	187	312
28/ 27	.3	1.1	.3																	69	69	125	269
26/ 25	.3	1.3	.1																	70	70	86	220
24/ 23	.1	.7	.0																	34	34	59	156
22/ 21	.1	.3	.0																	17	17	26	135
20/ 19	.0	.1																		5	5	11	102
18/ 17	.1	.0																		5	5	6	44
16/ 15		.1																		4	4	4	31
14/ 13	.0	.1																		5	5	3	14
12/ 11	.0	.0																		4	4	6	11
10/ 9	.0	.0																		4	4	4	5
8/ 7	.0	.0																		2	2	3	4

Elem (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Ref. s. n.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) MAR (MONTH)

PAGE 2 ALL (HOURS)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21	22	23	24 25	26	27	28 29	30	31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5	.1	.0																			6	6	5	6
4/ 3																							1	3
2/ 1																								6
0/ -1																								3
TOTAL	4.3	2.7	1.3	8.4	8.4	3.3	1.0	.5	.1												4095	4095	4095	4095

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	22600921	298463	72.9	14.383	4095							
Dry Bulb	7641882	173228	42.3	8.757	4095		89.2	3.6	.5			744
Wet Bulb	6320034	158038	38.6	7.345	4095		147.7					744
Dew Point	4897739	137875	33.7	7.902	4095	.5	307.6					744

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 STATION — BAD KREUZNACH GERMANY AAF STATION NAME — 60-70 YEARS — APR MONTH

PAGE 1 — ALL HOURS

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85												.0				2	2		
84/ 83										.0	.0	.0				3	3		
82/ 81									.1							5	5		
80/ 79									.1	.1	.1					13	13		
78/ 77							.0	.0	.1	.0						9	9		
76/ 75						.0	.1	.2	.1		.1	.0				22	22		
74/ 73						.1	.2	.2	.3	.0	.1					38	38		
72/ 71					.0	.1	.4	.4	.2	.2	.2					63	63		
70/ 69					.1	.2	.4	.6	.3	.2						76	76		
68/ 67				.0	.2	.3	.5	.5	.2	.0						73	73	1	
66/ 65				.1	.5	.6	.9	.2	.3							114	114	10	
64/ 63			.1	.3	.7	.5	.7	.5	.1							123	123	23	
62/ 61			.3	.9	.6	1.3	1.1	.5	.0							197	197	44	1
60/ 59		.0	.3	1.0	1.7	1.3	.7	.1								219	219	61	2
58/ 57		.1	1.1	2.3	1.4	1.1	.3	.1								271	271	120	18
56/ 55		.6	1.9	2.0	1.1	.9	.3	.0								280	280	182	38
54/ 53	.0	1.0	2.8	1.8	1.3	.8	.1	.0								333	333	286	80
52/ 51	.0	1.6	2.5	1.7	1.2	.7	.0									326	326	438	160
50/ 49	.1	1.9	3.0	2.0	1.4	.5										374	374	475	254
48/ 47	.1	2.0	2.8	2.0	1.2	.2										344	344	393	354
46/ 45	.3	2.8	2.7	1.9	.7											353	353	419	394
44/ 43	.1	2.3	2.7	1.5	.2	.0										286	286	389	383
42/ 41	.2	2.7	2.1	.6	.2											240	240	405	361
40/ 39	.2	2.1	1.4	.2	.0											164	164	371	429
38/ 37	.1	1.7	.8	.1												113	113	261	359
36/ 35	.0	1.1	.4													64	64	138	428
34/ 33	.1	.5	.3													36	36	92	322
32/ 31	.1	.4	.0													22	22	41	246
30/ 29	.1	.0														5	5	16	167
28/ 27	.1	.1														8	8	9	106
26/ 25	.0	.0														3	3	5	34
24/ 23																			31
22/ 21																			8
20/ 19																			4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) APR (MONTH)

PAGE 2 ALL (HOURS)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23	24	25	26	27 - 28	29 - 30	≥ 31	TOTAL DB WB	Dry Bulb	TOTAL Wet Bulb	Dew Point
TOTAL	1.6	21.0	25.3	18.2	12.3	8.8	5.7	3.4	2.0	.6	.6	.1								4179	4179	4179	4179

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	20107744	281272	67.2	16.780	4179							
Dry Bulb	11588891	216535	51.8	9.396	4179		6.3	52.4	15.9	3.3		720
Wet Bulb	9096099	192883	46.2	6.806	4179		12.2	.2				720
Dew Point	7011041	168619	40.3	7.045	4179		102.7					720

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) MAY (MONTH)

PAGE 1 ALL (HOURS)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89											.0	.0						2	2		
88/ 87										.0	.0							2	2		
86/ 85								.0	.0	.0								6	6		
84/ 83									.1	.1	.1	.0						14	14		
82/ 81						.0	.0	.1	.4	.1	.1	.0						35	35		
80/ 79						.1	.0	.4	.5	.5	.1							64	64		
78/ 77					.0	.1	.3	.4	.5	.3	.1							71	71		
76/ 75					.0	.2	.6	.6	.2	.1	.1							84	84		
74/ 73					.0	.4	.4	.8	.4	.3	.2							102	102		
72/ 71					.5	.6	.8	.6	.6	.1	.1	.0						144	144	4	
70/ 69				.1	.7	.7	.9	.7	.5	.1								152	152	14	
68/ 67			.[illegible]	.5	.8	.9	.9	.9	.2	.0								181	181	25	
66/ 65		.0	.1	.6	1.0	1.7	1.8	1.0	.1									265	265	72	2
64/ 63		.0	.5	1.2	1.5	1.7	1.3	.7	.0									293	293	137	14
62/ 61		.3	1.2	1.8	2.2	2.5	1.0	.2	.0									388	388	168	17
60/ 59		.4	1.4	2.0	2.0	1.9	.7	.1										359	359	227	82
58/ 57	.1	1.5	1.6	2.3	2.6	1.2	.6	.1										426	426	331	129
56/ 55	.1	1.5	2.1	2.9	1.9	.6	.2											389	389	491	237
54/ 53	.1	1.5	2.7	2.0	1.1	.5	.2											338	338	541	288
52/ 51	.1	1.3	2.4	1.1	.5	.0												232	232	559	312
50/ 49	.2	1.3	1.9	.7	.2	.2												190	190	545	457
48/ 47	.1	1.4	1.8	.4	.1	.0												159	159	387	432
46/ 45	.1	1.5	1.[illegible]	.2	.1													119	119	274	510
44/ 43	.0	1.3	.4	.1														79	79	177	521
42/ 41	.1	.8	.2															48	48	123	377
40/ 39	.0	.5	.1															27	27	59	305
38/ 37	.0	.4	.0															22	22	44	196
36/ 35	.0	.1																8	8	15	126
34/ 33	.0	.0																3	3	8	90
32/ 31		.1																3	3	1	55
30/ 29																				3	29
28/ 27																					17
26/ 25																					8
24/ 23																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC F-7204 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) JAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) MAY (MONTH)

PAGE 2 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21	22	23	24	25	26	27	28	29 - 30	≥ 31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	1.1	14.1	17.6	15.9	15.4	13.2	9.8	6.6	3.5	1.7	.9	.1										4205	4205	4205	4205

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	18358751	268401	63.8	17.084	4205							
Dry Bulb	15204454	249920	59.4	9.134	4205		.5	151.6	67.2	16.1		744
Wet Bulb	11651025	219765	52.3	6.234	4205		.7	7.6				744
Dew Point	9124646	193844	46.1	6.700	4205		19.5					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
JUN — MONTH

PAGE 1 — HOURS: ALL

Temp. (F)	0	1-2	2-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23	24	25	26	27	28	29	30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																									
92/ 91												.0			.0		.0						4	4		
90/ 89											.1	.0	.2		.0								16	16		
88/ 87								.0	.0	.0		.2	.2		.0								22	22		
86/ 85						.0		.1	.3	.4		.4											48	48		
84/ 83							.0	.3	.4	.6		.2											67	67		
82/ 81					.0	.1	.2	.5	1.0	.4		.1	.0										99	99		
80/ 79					.0	.2	.5	.9	.8	.3		.1	.0										122	122		
78/ 77				.0	.2	.5	1.0	1.5	1.1	.3		.1											196	196		
76/ 75				.1	.3	.8	1.4	1.6	.5	.2		.1											213	213	1	
74/ 73				.1	1.0	1.5	1.6	1.4	.4	.2		.1											271	271	5	
72/ 71			.1	.3	1.2	1.5	1.5	1.1	.4	.2													261	251	21	1
70/ 69		.0	.3	.9	1.7	2.0	1.1	.6	.4														296	296	69	3
68/ 67		.1	.6	1.5	2.2	1.5	.9	.5	.1														313	313	181	12
66/ 65		.4	1.3	2.1	1.9	1.3	.6	.6	.0														347	347	303	28
64/ 63		.6	1.9	2.2	1.4	1.0	1.0	.3															355	355	415	103
62/ 61	.1	1.3	1.7	2.0	1.3	.8	.3	.2															317	317	493	170
60/ 59	.1	1.7	1.9	2.3	.8	.7	.2	.0															323	323	566	338
58/ 57	.2	1.7	2.2	1.4	.9	.2	.1																279	279	510	475
56/ 55	.2	1.7	1.5	1.0	.4	.0																	202	202	445	558
54/ 53	.1	2.0	1.2	.4	.1	.0																	165	165	408	508
52/ 51	.1	1.3	1.	.3	.1																		120	120	329	502
50/ 49	.0	1.1	.5	.1	.1																		76	76	207	447
48/ 47	.1	.6	.3	.0																			43	43	133	310
46/ 45	.0	.2	.0	.0																			16	16	64	232
44/ 43		.3	[illegible]																				12	12	17	182
42/ 41	.0	.2	[illegible]																				9	9	18	141
40/ 39		.0																					1	1	7	99
38/ 37		.0																					1	1	1	38
36/ 35		.0																					2	2	3	28
34/ 33																										18
32/ 31																										3
TOTAL	1.1	13.3	14.0	14.8	13.7	12.2	10.4	9.6	5.6	2.8	1.3	.5	.1	.0										4196		4196
																							4196		4196	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	18463797	268825	64.1	17.200	4196							
Dry Bulb	18585386	276614	65.9	9.135	4196			330.8	181.5	54.7		720
Wet Bulb	14254214	243318	58.0	5.872	4196			47.5	1.0			720
Dew Point	11650072	219540	52.3	6.242	4196		.5	2.7				720

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
JUL — MONTH

PAGE 1 ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/95														.1				5	5		
94/93									.0				.1	.0				9	9		
92/91								.0	.1		.2	.1	.1					20	20		
90/89								.0	.0	.3	.5	.3						47	47		
88/87							.0	.1	.2	.5	.3	.2						60	60		
86/85						.0	.2	.2	.6	.5	.3	.1						81	81		
84/83						.0	.3	.7	.6	.4	.3							99	99		
82/81					.0	.3	.3	1.0	.7	.7	.1	.0						130	130		
80/79				.0	.1	.3	.9	1.2	1.0	.4	.1	.1						178	178		
78/77				.1	.1	.6	1.0	1.5	.7	.1	.1	.0						178	178	3	
76/75				.1	.3	.8	1.4	.9	.5	.3	.0							179	179	9	
74/73			.1	.2	1.1	1.4	1.2	1.4	.6	.0								247	247	36	
72/71		.0	.2	.5	1.4	1.3	1.4	1.1	.3	.0	.0							267	267	81	4
70/69		.1	.4	1.0	1.2	1.6	1.7	.8	.1	.0								289	289	157	18
68/67		.2	1.2	1.4	1.4	1.8	1.5	.1	.1	.0								320	320	248	55
66/65		.6	1.7	2.0	1.3	1.6	.5	.1	.1									342	342	320	57
64/63		1.1	2.3	2.1	1.6	1.2	.1	.1										354	354	421	143
62/61	.0	1.8	1.8	2.1	1.5	.9	.3	.0										345	345	447	303
60/59	.1	1.8	2.4	2.0	.8	.4												307	307	535	399
58/57	.1	1.7	1.7	1.5	.5	.0												231	231	362	480
56/55	.2	1.7	1.6	.7	.2													176	176	495	486
54/53	.2	1.2	1.[illegible]	.4														112	112	328	491
52/51	.1	.9	.4	.0														58	58	230	472
50/49	.1	.6	.2	.0														40	40	149	434
48/47	.0	.2	.[illegible]	.0														14	14	52	315
46/45	.1	.2	.[illegible]															12	12	20	204
44/43		.0	.0															2	2	8	118
42/41		.0																1	1	1	56
40/39																				1	44
38/37																					19
36/35																					4
34/33																					1
TOTAL	1.0	12.1	14.9	14.3	12.3	12.5	11.0	9.5	5.7	3.3	2.1	.9	.3	.1				4103	4103	4103	4103

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17863834	261294	63.7	17.272	4103							
Dry Bulb	19263509	278475	67.9	9.409	4103			382.4	223.6	96.5	2.5	744
Wet Bulb	14693524	244374	59.6	5.814	4103			96.8	8.7			744
Dew Point	12095963	221403	54.0	6.022	4103			14.0				744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) AUG (MONTH)

PAGE 1 ALL (HOURS)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95															.0		.0								2	2		
94/ 93													.0		.1		.1								12	12		
92/ 91									.0		.0		.1		.1		.0		.0						16	16		
90/ 89									.0		.1		.2		.1		.0								18	18		
88/ 87								.1	.2		.1		.2		.1										34	34		
86/ 85							.1	.2	.4		.3		.3		.1										57	57		
84/ 83						.0	.2	.5	.4		.2		.1		.0										58	58		
82/ 81					.0	.0	.2	.7	.3		.4		.1												80	80		
80/ 79					.1	.4	.6	.9	.8		.2		.0												125	125		
78/ 77					.2	.7	1.0	.7	1.0		.3														160	160		
76/ 75				.0	.6	1.1	1.0	1.3	.8		.1														209	209	1	
74/ 73			.0	.4	1.0	.9	1.4	1.3	.4		.1														228	228	22	
72/ 71			.2	.7	1.3	1.8	1.5	1.0	.2		.0														282	282	61	1
70/ 69		.0	.6	1.1	1.4	1.9	1.8	.7	.2																327	327	121	2
68/ 67	.0	.2	1.7	1.5	2.3	2.6	1.3	.3	.0		.0														415	415	198	26
66/ 65		1.4	1.6	1.8	2.0	2.0	.7	.1																	402	402	298	82
64/ 63	.1	1.9	1.4	2.3	1.5	1.1	.3	.0																	365	365	409	178
62/ 61	.0	2.1	2.4	2.2	1.2	.3	.1																		348	348	558	343
60/ 59	.2	2.2	2.2	2.5	.4	.0																			318	318	578	388
58/ 57	.2	2.3	2.2	.9	.1																				239	239	636	409
56/ 55	.2	2.2	1.6	.3																					182	182	517	510
54/ 53	.2	1.8	1.	.1																					128	128	374	546
52/ 51	.2	1.6	.5																						97	97	223	575
50/ 49	.2	1.0	.																						52	52	114	519
48/ 47	.2	.5	.																						30	30	57	338
46/ 45	.1	.3																							15	15	25	168
44/ 43	.1	.1																							8	8	13	72
42/ 41		.0																							1	1	3	30
40/ 39																												17
38/ 37																												2
36/ 35																												1
34/ 33																												1
TOTAL	1.7	17.7	15.5	13.7	12.1	12.9	10.3	7.7	4.7		1.9		1.0	.6		.2		.0							4208	4208	4208	4208

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 65 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	20177008	282060	67.0	17.379	4208							
Dry Bulb	18957925	279989	66.5	8.833	4208			357.7	176.6	58.5	2.5	744
Wet Bulb	14860310	249024	59.2	5.416	4208			71.3	4.1			744
Dew Point	12485322	228054	54.2	5.470	4208			5.1				744

USAFETAC FORM 0-26-5 (OL A) 64 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 STATION — BAD KREUZNACH GERMANY AAF STATION NAME — 60-70 YEARS — SEP MONTH

PAGE 1 — ALL HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21	22	23-24	25	26-27	28	29-30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85								.2	.1	.1											13	13		
84/ 83							.1	.1	.2	.1											17	17		
82/ 81						.1	.1	.3	.1	.0											20	20		
80/ 79					.0	.1	.2	.3	.2	.1											32	32		
78/ 77				.0	.0	.3	.5	.5	.2	.1											61	61		
76/ 75				.0	.4	.7	1.0	.3	.1												96	96		
74/ 73				.1	.7	1.4	1.2	.2	.2												148	148		
72/ 71				.4	1.4	1.2	.7	.5	.0												165	165	17	
70/ 69			.2	1.0	1.9	1.4	.9	.5	.1												232	232	19	
68/ 67			.6	1.6	1.6	1.3	1.1	.2													258	258	76	5
66/ 65		.3	1.3	1.4	1.6	1.8	.9	.2													293	293	144	20
64/ 63		.7	1.0	1.5	2.2	1.6	.5	.0													320	320	275	67
62/ 61	.0	1.4	2.3	2.5	2.1	.9	.2	.1													376	376	331	126
60/ 59	.3	1.7	3.2	2.5	2.0	.4	.1														398	398	351	258
58/ 57	.6	2.3	3.[illegible]	2.1	.9	.2	.0														356	356	467	392
56/ 55	.9	3.4	2.7	1.0	.2	.1															326	326	596	271
54/ 53	.7	2.6	1.2	.4	.1																201	201	546	473
52/ 51	.6	2.6	.8	.2																	165	165	404	450
50/ 49	.8	1.6	.6	.1																	123	123	254	549
48/ 47	.4	1.6	.4																		92	92	129	422
46/ 45	.7	1.3	.1																		83	83	115	284
44/ 43	.4	1.0	.1																		60	60	82	187
42/ 41	.3	.5																			32	32	49	130
40/ 39	.5	.6																			41	41	45	93
38/ 37	.2	.2																			15	15	20	52
36/ 35	.1	.1																			6	6	9	14
34/ 33	.1	.1																			6	6	6	11
32/ 31																								3
TOTAL	6.6	21.9	18.1	14.9	15.1	11.4	7.4	3.2	1.1	.4											3935	3935	3935	3935

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21983916	287090	73.0	16.247	3935							
Dry Bulb	14930899	239867	61.0	8.866	3935			490.7	70.8	11.5		720
Wet Bulb	12268174	218344	55.5	6.232	3935			20.5				720
Dew Point	10557636	202459	51.5	5.988	3935		.5	.9				720

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
OCT — MONTH

PAGE 1 — ALL — HOURS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28	29-30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79							.0	.1											6	6		
78/ 77						.0	.1	.1											10	10		
76/ 75					.0	.1		.0											6	6		
74/ 73				.0	.2	.1	.1	.0											19	19		
72/ 71				.0	.3	.2	.1	.0											28	28		
70/ 69				.1	.3	.4	.2												43	43		
68/ 67			.1	.5	.9	.4	.2	.0											87	87	12	
66/ 65		.0	.4	1.2	1.2	.5	.1												139	139	23	
64/ 63		.1	1.6	1.5	.7	.3	.1	.0											178	178	32	5
62/ 61		.6	1.5	1.5	.7	.2	.0	.0											192	192	88	22
60/ 59	.0	1.4	1.8	1.9	.9	.3	.1												262	262	214	63
58/ 57	.0	2.6	2.4	1.6	1.0	.5	.1												337	337	274	157
56/ 55	.3	3.6	2.8	1.6	1.6	.5													422	422	356	255
54/ 53	.6	2.6	2.5	1.6	1.0	.1													342	342	378	311
52/ 51	.9	2.7	2.4	1.7	.5	.0													336	336	359	363
50/ 49	.9	2.5	2.7	1.3	.4	.0													321	321	406	401
48/ 47	1.6	3.1	2.	.7	.1														306	306	411	392
46/ 45	2.0	3.6	1.5	.4	.0														306	306	458	377
44/ 43	1.3	2.6	1.2	.1															214	214	328	366
42/ 41	1.6	2.2	.3	.0															168	168	262	369
40/ 39	.9	1.6	.3																116	116	176	343
38/ 37	.7	.9	.																67	67	101	261
36/ 35	1.0	.6	.																65	65	81	159
34/ 33	.8	.5																	52	52	54	103
32/ 31	.4	.4																	33	33	37	72
30/ 29	.1	.2																	14	14	13	35
28/ 27	.1	.2																	11	11	15	9
26/ 25		.0																	1	1	3	12
24/ 23		.0																	1	1	1	6
20/ 19																						1
TOTAL	13.4	32.1	23.5	15.7	9.8	3.8	1.3	.4											4082	4082	4082	4082

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	26906683	326327	79.9	14.168	4082							
Dry Bulb	11508334	213760	52.4	8.778	4082		10.9	36.3	7.5	.4		744
Wet Bulb	9989339	199777	48.9	7.209	4082		12.6	2.2				744
Dew Point	8799497	187251	45.9	7.171	4082		24.6					744

USAFETAC FORM 0-26-5 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AMF (STATION NAME) 59-70 (YEARS) NOV (MO)

PAGE 1 ALL (HOURS)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. & W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65				.0	.1													3	3		
64/ 63			.1	.1	.0													5	5		
62/ 61			.	.1	.2	.0												15	15		
60/ 59			.2	.4	.5	.1												45	45	4	
58/ 57		.3	.4	.7	.3	.1												65	65	7	
56/ 55	.0	.7	1.3	.7	.4													119	119	43	9
54/ 53		.5	.9	1.0	.2													103	103	70	33
52/ 51		1.3	2.8	1.1	.0	.0												201	201	111	40
50/ 9	.3	2.1	3.2	1.1	.2													266	266	160	90
48/ 47	.4	3.1	3.5	.9	.2	.0												312	312	292	146
46/ 45	.4	4.5	2.9	.6	.1													325	325	341	223
44/ 43	1.2	4.6	2.2	.3	.0													316	316	293	335
42/ 41	1.0	4.8	2.4	.3	.1													329	329	365	399
40/ 39	1.7	6.2	2.4	.2														396	396	359	415
38/ 37	1.1	6.8	1.5	.1														361	361	389	332
36/ 35	1.4	5.3	.8	.1														289	289	402	405
34/ 33	2.4	5.5	.2															309	309	376	417
32/ 31	1.5	2.6	.1															160	160	236	392
30/ 29	.6	2.1	.1															105	105	129	235
28/ 27	.6	.6																46	46	77	168
26/ 25	.2	.3																19	19	28	93
24/ 23	.2	.0																8	8	14	41
22/ 21	.2	.1																9	9	8	17
20/ 19	.1	.1																7	7	7	11
18/ 17		.0																1	1	3	6
16/ 15																					3
14/ 13																					3
12/ 11																					1
TOTAL	13.2	51.5	25.	7.7	2.3	.2												3814	3814	3814	3814

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	27054402	318720	83.6	10.499	3814							
Dry Bulb	6992971	160665	42.1	7.681	3814		67.0					720
Wet Bulb	6255362	152294	39.9	6.760	3814		94.8					720
Dew Point	5470352	142184	37.3	6.673	3814		183.1					720

USAFETAC FORM JUN 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD FRELZAGCH GERMANY AAF — STATION NAME
59-70 — YEARS
DEC — MONTH

PAGE 1 — ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Pt
62/ 61					.0														1	1		
60/ 59			.1	.2	.1														14	14		
58/ 57		.2	.4	.1	.1														32	32	1	
56/ 55		.1	.5	.1	.1														36	36	17	1
54/ 53		.1	.2	.2	.1														18	18	33	19
52/ 51		.4	.4	.2	.0														38	38	29	11
50/ 49	.0	.3	.9	.1															48	48	34	34
48/ 47	.0	.9	1.5	.1															96	96	47	37
46/ 45		1.9	2.6	.5															194	194	84	40
44/ 43	.1	2.2	2.7	.2															194	194	134	68
42/ 41	.1	2.2	2.7	.2															197	197	229	113
40/ 39	.5	4.8	2.8	.1															299	299	238	177
38/ 37	.7	7.3	1.3	.1															361	361	318	241
36/ 35	1.4	7.0	1.7	.1	.0														390	390	446	341
34/ 33	3.1	7.2	1.2	.1															441	441	469	472
32/ 31	2.8	5.6	.9																337	337	429	500
30/ 29	1.7	4.7	.8																276	276	306	357
28/ 27	1.7	3.3	.2																197	197	282	293
26/ 25	1.1	3.2	.2																173	173	179	202
24/ 23	1.1	1.6	.2																121	121	164	237
22/ 21	.9	1.2	.1																82	82	86	157
20/ 19	.8	.9	.1																71	73	85	155
18/ 17	.5	1.2																	65	65	60	79
16/ 15	.5	.5																	37	37	55	55
14/ 13	.4	.3																	25	23	32	67
12/ 11	.3	.2																	20	20	23	39
10/ 9	.2	.1																	10	10	12	39
8/ 7	.1																		4	4	4	26
6/ 5																						27
4/ 3																						9
2/ 1																						1
TOTAL	18.2	37.4	21.6	2.3	.4														3797	3799		3797

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	26970089	317913	83.7	9.630	3797							
Dry Bulb	4850312	131655	34.7	8.702	3799		282.0					744
Wet Bulb	4371951	125191	33.0	8.012	3797		336.4					744
Dew Point	3714266	114252	30.1	8.333	3797		439.3					744

USAFETAC FORM 0-26-5 (OL A) 3 JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 62-65 (YEARS) JAN (MONTH)

PAGE 1 0300-0500

Temp (F)	0	1-2	3-4	5-6	7	8	9-10	11-12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49		1.0																										1	1		
48/ 47		3.1	2.																									5	5	1	
46/ 45		1.0																										1	1	3	1
44/ 43		2.0	1.																									3	3	3	2
42/ 41		2.0	1.																									3	3	2	4
40/ 39		4.1	2.																									6	6	4	1
38/ 37		10.2																										10	10	9	4
36/ 35	1.0	6.1																										7	7	8	12
34/ 33	1.0	7.1																										8	8	10	3
32/ 31	4.1	6.1																										10	10	10	16
30/ 29	4.1	3.1																										7	7	9	11
28/ 27	4.1	2.0	1.																									7	7	8	5
26/ 25		4.1																										4	4	2	5
24/ 23	1.0	4.1																										5	5	4	4
22/ 21	3.1	1.0																										4	4	7	2
20/ 19		2.0																										2	3	2	4
18/ 17		2.0																										2	2	2	5
16/ 15	1.0	2.0																										3	3	2	1
14/ 13	1.0																											1	1	3	3
12/ 11	3.1																											3	3	3	3
10/ 9	1.0	2.0																										3	3	2	2
8/ 7																														1	4
6/ 5		2.0																										2	2	2	
4/ 3																															
2/ 1																															1
0/ -1	1.0																											1	1		2
-6/ -7																															
TOTAL	25.5	67.3	7.1																										99		
																												98		98	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	712850	8320	84.9	8.185	98							
Dry Bulb	99272	2956	29.91	10.599	99	.9	51.7					93
Wet Bulb	91276	2822	28.81	10.161	98	.9	35.0					93
Dew Point	78324	2540	25.91	11.348	98	2.8	67.4					93

USAFETAC FORM JUN 64 0-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) JAN (MONTH)

PAGE 1 0900-1100 (HOURS)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55			.1															1	1		
54/ 53			.1															1	1		
52/ 51		.1	.7															7	7	1	
50/ 49		.3	.5															8	8	3	1
48/ 47		.9	1.2	.2														21	21	11	1
46/ 45	.1	.4	1.1	.2														17	17	15	10
44/ 43	.3	1.9	2.9	.2														48	48	25	13
42/ 41	1.0	4.2	1.7															62	62	38	27
40/ 39	.3	4.7	1.2															56	56	70	31
38/ 37	1.3	5.1	.5	.1														66	66	70	60
36/ 35	2.8	6.9	.6															92	92	85	86
34/ 33	4.3	5.4	1.1															98	98	117	112
32/ 31	2.9	5.2	.3															76	76	78	97
30/ 29	2.4	4.8	.4															69	69	88	79
28/ 27	2.0	3.1	.5															51	51	47	55
26/ 25	1.2	5.1	.4															61	61	54	52
24/ 23	.9	3.6																40	40	49	40
22/ 21	1.2	2.2	.1															32	32	40	40
20/ 19	.7	2.1	.2															27	27	30	41
18/ 17	.2	1.1																12	12	19	29
16/ 15	.2	1.4	.1															16	16	10	35
14/ 13	.4	1.2																15	15	20	12
12/ 11	.3	.6																8	8	12	12
10/ 9	.4	.2																6	6	7	12
8/ 7	.2	.2																4	4	3	15
6/ 5	.1																	1	2	3	11
4/ 3	.1	.1																2	2	1	10
2/ 1	.1																	1	1	2	4
0/ -1		.1																1	1	1	2
-2/ -3	.1																	1	1	1	3
-4/ -5																					1
-6/ -7																					1
-8/ -9																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 STATION | BAD KREUZNACH GERMANY AAF STATION NAME | 60-70 YEARS | JAN MONTH

PAGE 2 | 0900-1100 HOURS LST

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17-18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	23.9	61.1	14.2	.8																					900	901	900	900

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6557377	76303	84.8	9.912	900							
Dry Bulb	1004072	28954	32.1	9.045	901	.2	43.8					93
Wet Bulb	919539	27711	30.8	8.589	900	.2	45.0					93
Dew Point	788913	25178	28.0	9.673	900	.8	57.8					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ AC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
JAN — MONTH

PAGE 1 — HOURS (LST) 1200-1400

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27	28	29-30	>31	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 57					.1															1	1		
54/ 53			.2	.1																3	3		
52/ 51		.1	.9	.7																15	15		
50/ 49		.3	1.2	.6																18	18	6	1
48/ 47	.1	.7	1.7	.3	.1															26	26	18	4
46/ 45		2.3	1.7	.9																43	43	21	10
44/ 43	.2	3.7	3.[illegible]	.8	.1															68	68	42	23
42/ 41	.3	2.7	2.9	.6																56	56	57	33
40/ 39	.9	5.3	2.2																	73	73	76	44
38/ 37	1.5	5.7	1.5	.1																76	76	99	68
36/ 35	1.5	5.7	2.2																	81	81	73	81
34/ 33	1.4	6.0	1.7																	79	79	89	105
32/ 31	2.0	4.7	1.0																	72	72	80	90
30/ 29	1.2	3.6	2.1																	59	59	57	81
28/ 27	.8	4.6	.0																	54	54	55	49
26/ 25	.7	2.8	.0																	35	35	65	35
24/ 23	.2	2.8	1.3																	37	37	25	46
22/ 21	.7	2.3	.0																	31	31	38	38
20/ 19		1.2	.7																	16	16	26	42
18/ 17		1.0	.1																	10	10	16	23
16/ 15	.1	.7																		7	7	12	24
14/ 13	.1	.1																		2	2	6	16
12/ 11		.2																		2	2	2	18
10/ 9																						1	8
8/ 7																							8
6/ 5																							9
4/ 3																							7
2/ 1																							1
TOTAL	11.8	36.6	27.1	4.2	.3															864	864	864	864

Element (X)	Σx²	Σx	x̄	σx	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5684493	69413	80.3	11.182	864							
Dry Bulb	1113507	30191	34.9	8.236	864		33.0					93
Wet Bulb	989262	28448	32.9	7.806	864		41.2					93
Dew Point	814551	25329	29.3	9.134	864		53.3					93

USAFETAC FORM 0-26-5 (OL A) PT. 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
JAN — MONTH

PAGE 1 — 1500-1700 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23	24-25	26	27	28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57					.1																	1	1		
56/ 55				.1																		1	1		
54/ 53		.1	.3	.3																		5	5		
52/ 51		.1	.9	.9	.1																	16	16	1	
50/ 49		.5	1.4	.1	.3																	18	18	8	1
48/ 47		1.0	.9	.5																		19	19	15	2
46/ 45		2.3	1.5	.8																		36	36	24	11
44/ 43	.3	2.8	3.7	1.3																		59	59	32	26
42/ 41	.5	5.8	3.5	.3																		64	64	52	31
40/ 39	.9	4.3	2.1																			60	60	72	47
38/ 37	1.6	5.8	2.8	.1																		82	82	87	56
36/ 35	1.9	3.5	2.1																			60	60	71	79
34/ 33	2.0	7.0	1.9																			87	87	84	79
32/ 31	1.1	3.3	1.5																			49	49	75	82
30/ 29	1.4	4.3	1.5																			57	57	47	80
28/ 27	1.9	3.3	1.5	.1																		54	54	61	44
26/ 25	.8	4.4	.6																			46	46	52	45
24/ 23	.1	2.3	.9																			26	26	34	41
22/ 21	.4	3.1																				28	28	33	32
20/ 19		1.1	.4																			12	12	21	32
18/ 17		.9	.1																			8	8	10	36
16/ 15		.6																				5	5	11	20
14/ 13																								3	8
12/ 11		.3																				2	2		15
10/ 9																								2	14
8/ 7																									5
6/ 5																									3
4/ 3																									3
2/ 1																									2
-2/ -3																									1
TOTAL	12.8	55.0	27.3	4.4	.5																	795	795	795	795

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5247737	63969	80.5	11.252	795							
Dry Bulb	1032315	27909	35.1	8.135	795		33.6					93
Wet Bulb	917672	26312	33.1	7.680	795		40.8					93
Dew Point	755940	23454	29.5	8.978	795	.1	54.2					93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
62-65,67,69-70 — YEARS
JAN — MONTH

PAGE 1 1800-2000 HRS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	17-18	19	20	21	22,23	24,25	26,27	28	29	30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Pt
	WET BULB TEMPERATURE DEPRESSION (F)																								
52/ 51			.6																			1	1		
50/ 49		1.1	.6	.6																		4	4		
48/ 47		.6	1.7	.6																		5	5	3	2
46/ 45		4.0	1.1																			9	9	5	1
44/ 43		2.9	.6	.6																		7	7	10	3
42/ 41	.6	3.4	1.7	.6																		11	11	8	6
40/ 39	.6	5.2	2.3																			14	14	10	13
38/ 37	2.3	7.5	1.1																			19	19	24	12
36/ 35	1.7	5.7																				13	13	14	19
34/ 33	2.3	10.3	.6																			23	23	23	14
32/ 31	2.3	5.7	.6																			15	15	15	28
30/ 29	2.9	2.3	.6																			10	10	13	17
28/ 27	1.1	4.6	1.1																			12	12	9	10
26/ 25	1.7	5.2																				12	12	15	4
24/ 23	.6	3.4																				7	7	10	12
22/ 21	.6	.6																				2	2	5	8
20/ 19		.6																				1	1		3
18/ 17		3.4																				6	6	4	10
16/ 15		.6																				1	1	4	2
12/ 11		.6																				1	1		3
10/ 9		.6																				1	1	1	2
8/ 7																								1	2
6/ 5																									1
0/ -1																									1
-2/ -3																									1
TOTAL	16.7	68.4	12.0	2.3																			174		174
																						174		174	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1253211	14663	84.3	10.074	174							
Dry Bulb	214246	5944	34.2	8.044	174		36.3					93
Wet Bulb	195681	5679	32.6	7.727	174		41.2					93
Dew Point	168429	5183	29.8	9.009	174	1.1	55.6					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
62-66 — YEARS
FEB — MONTH

PAGE 1 — 0300-0500 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21	22	23-24	25	26-27	28-29	30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47			1.1																		1	1		
46/ 45		2.2																			2	2		
44/ 43		1.1																			1	1	3	
42/ 41		3.2	2.2																		5	5	2	1
40/ 39	2.2	7.5	1.1																		10	10	5	6
38/ 37		5.4	2.2																		7	7	10	4
36/ 35	1.1	6.5																			7	7	7	9
34/ 33	2.2	3.2																			5	5	8	10
32/ 31	4.3	5.4																			9	9	9	8
30/ 29	1.1	8.6	1.1																		10	10	6	6
28/ 27	1.1	9.7	1.1																		11	11	10	6
26/ 25	1.1	6.5	1.1																		8	8	12	5
24/ 23	1.1																				1	1	4	8
22/ 21	1.1	1.1																			2	2	2	8
20/ 19	1.1	1.1																			2	2	3	4
18/ 17																								4
16/ 15	1.1																				1	1	1	1
14/ 13	1.1	1.1																			2	2	1	1
12/ 11	1.1																				1	1	2	1
10/ 9		2.2																			2	2	2	
8/ 7																								3
6/ 5	4.3																				4	4	4	1
4/ 3	1.1																				1	1	1	1
2/ 1																								1
0/ -1	1.1																				1	1	1	3
-2/ -3																								1
-4/ -5																								1
TOTAL	25.8	64.5	9.7																		93	93	93	93

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	< 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	679592	7916	85.1	7.937	93							
Dry Bulb	91271	2751	29.6	10.371	93	.9	49.7					84
Wet Bulb	83970	2640	28.4	9.906	93	.9	52.4					84
Dew Point	71895	2381	25.6	10.903	93	4.5	56.9					84

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
FEB — MONTH

PAGE 1 — 0600-0800 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23	24-25	26-27	28	29-30	>31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
56/ 55			.4																		3	3		
54/ 53		.1	.3																		3	3	1	
52/ 51		.1	.3	.4																	6	6	3	2
50/ 49		.5	.5	.4																	11	11	4	1
48/ 47		1.3	1.2	.5																	23	23	8	7
46/ 45		2.4	1.1																		26	26	19	6
44/ 43	.7	3.3	.7																		35	35	35	14
42/ 41	.7	2.1	1.2																		30	30	38	34
40/ 39	1.7	5.3	1.1																		61	61	47	46
38/ 37	.8	5.7	1.3																		59	59	53	39
36/ 35	1.6	7.7	.8																		78	76	68	60
34/ 33	3.0	4.6	.8																		64	64	87	78
32/ 31	3.2	5.4	.5																		69	69	70	89
30/ 29	2.2	4.2	.5																		53	53	60	62
28/ 27	3.8	5.8	.8																		79	79	60	46
26/ 25	1.8	3.7	.3																		44	44	69	61
24/ 23	1.5	2.0																			26	26	37	46
22/ 21	.4	1.3	.1																		14	14	15	34
20/ 19	.9	1.8																			21	22	18	23
18/ 17	.5	.8																			10	10	16	30
16/ 15		.1																			1	1	4	14
14/ 13	.1	.1																			2	2	1	8
12/ 11	.3	.5																			6	6	7	7
10/ 9	.7	.4																			8	8	5	4
8/ 7	.5	.4																			7	7	8	10
6/ 5	.5	.1																			5	5	7	6
4/ 3	.7	.3																			7	7	7	6
2/ 1	.4																				3	3	3	4
0/ -1	.7																				5	5	5	8
-2/ -3	.1																				1	1	1	5
-4/ -5																								5
-6/ -7																								3
TOTAL	26.8	60.2	11.7	1.3																758		799	758	758

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5635734	64986	85.7	9.213	758							
Dry bulb	868898	24536	32.3	9.995	759	.7	40.1					84
Wet Bulb	799271	23500	31.1	9.481	758	.7	49.6					84
Dew Point	693300	21554	28.4	10.306	758	2.3	52.2					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) FEB (MONTH)

PAGE 1 0900-1100 (HOURS)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23	24-25	26-27	28-29	30	≥31	TOTAL DB W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																						
60/ 59				.1																1	1		
58/ 57			.1			.1														2	2		
56/ 55			.1																	1	1		
54/ 53		.1		.4	.2															6	6	2	
52/ 51		.6	.2	.2																9	9	2	1
50/ 49	.1	.7	1.7	.5	.2															27	27	7	2
48/ 47		1.2	1.3	.5																25	25	18	9
46/ 45		2.4	1.9																	36	36	29	9
44/ 43	.5	2.4	1.2	.2	.1															37	37	43	28
42/ 41	.7	4.6	1.6																	57	57	48	32
40/ 39	.6	5.7	2.4	.5																76	76	60	58
38/ 37	.2	7.2	1.7																	76	76	62	54
36/ 35	2.3	7.9	1.7																	99	99	107	73
34/ 33	1.6	6.6	1.7	.1																83	83	87	91
32/ 31	1.2	4.5	1.1	.1																57	57	83	86
30/ 29	1.0	6.0	1.5																	73	73	57	72
28/ 27	1.1	4.8	.7																	55	55	76	52
26/ 25	1.0	2.5	.2																	31	31	54	67
24/ 23	.2	2.0	.2																	21	21	23	49
22/ 21	.2	.6	.5																	11	11	18	32
20/ 19	.2	.6	.2																	11	11	6	24
18/ 17		.4																		3	3	13	24
16/ 15	.4	.4																		6	6	5	13
14/ 13		.5																		4	4	5	7
12/ 11	.5	.4																		7	7	7	6
10/ 9	.2	.5																		6	6	3	5
8/ 7	.4	.2																		5	5	5	14
6/ 5	.2																			2	2	2	8
4/ 3		.2																		2	2	2	5
2/ 1	.2																			2	2	2	6
0/ -1																							1
-2/ -3																							2
-4/ -5																							1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) FEB (MONTH)

PAGE 2 0900-1100 (HOURS)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	12.9	23.3	20.5	2.6	.6	.1												831	831	831	831

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 57 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5719774	68422	82.3	10.186	831							
Dry Bulb	1070945	28905	34.8	8.886	831		29.9					86
Wet Bulb	961869	27395	33.0	8.414	831		37.0					84
Dew Point	811286	24760	29.8	9.414	831	.4	47.9					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) FEB (MONTH)

PAGE 1 1200-1400 (HOURS)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61				.3																					2	2		
60/ 59				.1		.3	.1																		4	4		
58/ 57						.3	.1																		3	3		
56/ 55			.1		.1	.1																			3	3	2	
54/ 53		.1	.6		.3	.1																			9	9	1	
52/ 51		.6	2.5	1.1	.4	.1																			40	40	6	2
50/ 49		.8	2.7	1.0	.4																				33	33	12	5
48/ 47		1.1	3.4	.9	.6																				40	40	37	10
46/ 45		2.0	2.5	1.4	.1																				48	48	44	20
44/ 43		2.0	3.	.5																					44	44	39	30
42/ 41	.5	3.0	3.3	1.0																					62	62	57	33
40/ 39	.4	5.4	4.4	1.5	.1																				96	96	73	52
38/ 37	.4	6.6	2.6	1.4	.1																				89	89	87	53
36/ 35	.5	5.9	4.1	1.5	.1																				97	97	101	93
34/ 33	.1	3.9	3.5	.4	.1																				64	64	73	84
32/ 31	.6	3.9	3.	.5																					64	64	85	78
30/ 29	.3	3.1	1.1	.4																					39	39	63	64
28/ 27	.3	2.1	.4	.1																					23	23	50	52
26/ 25	.1	.4	.0																						9	9	27	62
24/ 23	.1		.3																						5	5	7	47
22/ 21	.1	.9	.5																						12	12	11	37
20/ 19	.4	.4																							6	6	14	19
18/ 17	.1	.4																							4	4	5	12
16/ 15	.1																								1	1	3	8
14/ 13																												8
12/ 11		.1																							1	1		12
10/ 9																											1	7
8/ 7																												8
6/ 5																												1
4/ 3																												1
TOTAL	4.0	42.7	37.5	12.3	2.4	.9	.3																		798	798		798

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4679730	60284	75.5	12.556	798							
Dry Bulb	1237096	30808	38.6	7.737	798		17.3					84
Wet Bulb	1057766	28490	35.7	7.139	798		28.0					84
Dew Point	836043	24921	31.2	8.514	798		43.8					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
FEB — MO
PAGE 1 — 1500-1700 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18-19	20	21-22	23	24-25	26-27	28	29	30	≥31	TOTAL DB W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61				.3	.3	.1															5	5		
60/ 59			.1				.4														4	4		
58/ 57		.1			.1																2	2		
56/ 55			.3																		2	2	5	1
54/ 53			1.1	.1	.6	.3															17	17	5	1
52/ 51		.5	2.3	.7	.4	.3	.3														33	33	2	1
50/ 49		.9	1.4	1.9	1.1																39	39	16	3
48/ 47		.6	2.2	2.4	.8																46	46	27	16
46/ 45		1.8	2.8	1.1	.1																43	43	39	17
44/ 43	.1	2.6	2.4	1.1	.1																47	47	55	24
42/ 41	.1	4.3	3.5	1.2	.4																71	71	66	26
40/ 39	.8	4.6	5.0	1.1	.4																88	88	74	53
38/ 37	.3	5.7	4.5	1.9																	91	91	72	73
36/ 35		3.1	3.4	1.9																	62	62	88	62
34/ 33	.4	3.9	2.2	1.9																	62	62	70	84
32/ 31	.4	3.9	1.5	.4																	46	46	79	72
30/ 29		3.8	.8	.1																	35	35	50	62
28/ 27	.5	1.1	.4																		15	15	52	56
26/ 25	.4	.4	.8																		12	12	16	53
24/ 23	.3	.1	.5																		7	7	5	40
22/ 21		.4	.4																		6	6	7	30
20/ 19	.3	.3	.1																		5	5	8	20
18/ 17	.1																				1	1	6	13
16/ 15																								9
14/ 13																								6
12/ 11																								3
10/ 9																								5
8/ 7																								5
6/ 5																								2
TOTAL	3.8	38.4	35.7	16.1	4.6	.7	.7															739		739
																					739		739	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4226054	55024	74.5	13.227	739							
Dry Bulb	1198867	29225	39.5	7.643	739		14.4					84
Wet Bulb	1014369	26399	36.4	6.913	739		25.3					84
Dew Point	792313	23429	31.7	8.192	739		42.7					84

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
62-65,67,69-70 — YEARS
FEB — MONTH

PAGE 1 — 1500-2000 HOURS

Temp (F)	0	1 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19	20	21	22 23	24 25	26 27	28 29	30	≥ 31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51			.5		.5															2	2		
50/ 49		1.3	1.3	.6																5	3		
48/ 47		3.1	1.3	1.3	1.3															11	11	3	
46/ 45		.6	3.1																	6	6	8	5
44/ 43		1.9	2.5	2.5																11	11	4	4
42/ 41		2.5	3.1																	9	9	13	1
40/ 39		5.0	3.1	.6																14	14	12	7
38/ 37		2.5	1.3																	6	6	16	9
36/ 35	.6	10.1	5.[illegible]																	25	25	12	18
34/ 33		5.7	5.[illegible]																	17	17	18	14
32/ 31	1.9	6.9	2.5	.6																19	19	22	22
30/ 29		6.3	.6	.6																12	12	18	15
28/ 27	3.1	3.8	.6																	12	12	15	16
26/ 25		.6	1.3																	3	3	7	14
24/ 23			.6																	1	1	3	10
22/ 21																						2	6
20/ 19																							3
18/ 17	1.3	1.3																		4	4	3	2
16/ 15		1.3																		2	2	1	3
14/ 13																						2	1
12/ 11																							3
10/ 9																							1
8/ 7																							1
6/ 5																							1
2/ 1																							1
TOTAL	6.9	52.8	32.1	6.3	1.9															159	159	159	159

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	996673	12453	78.3	11.623	159							
Dry Bulb	215774	5734	36.1	7.543	159		28.0					84
Wet Bulb	187809	5355	33.7	6.932	159		38.6					84
Dew Point	150575	4725	29.7	8.020	159		53.4					86

USAFETAC FORM 0-26-5 (CL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — 3A[illegible] KREUZ ACH GERMANY AF — 08 — MAR

PAGE 1 0000-0200

Temp (F)	0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43		66.7																2	2		
42/ 41			83.[illegible]															1	1	2	
40/ 39																				1	
38/ 37																					2
36/ [illegible]																					1
TOTAL		66.7	83.3																3		3
																		3		3	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	19224	240	80.0		3							
Dry Bulb	5462	128	42.7		3							93
Wet Bulb	4883	121	40.3		3							93
Dew Point	4113	111	37.0		3							93

USAFETAC FORM JUN 64 0-2-5 (OL A) REVS. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
62-66,68 — YEARS
MAR — MONTH
PAGE 1
0300-0500 — HOURS

Temp (F)	0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49		2.6																2	2	1	
48/ 47			1.3															1	1	1	2
46/ 45		2.6	1.3	1.3														4	4	1	
44/ 43		3.8	1.3															4	4	3	3
42/ 41		7.7	1.3															7	7	6	1
40/ 39	1.3	10.3																9	9	8	6
38/ 37	2.6	3.8																5	5	10	9
36/ 35	2.6	2.6																4	4	5	10
34/ 33	1.3	5.1																5	5	2	5
32/ 31	1.3	6.4																6	6	6	2
30/ 29		7.7																6	6	7	4
28/ 27	[illegible]	5.1	1.3															7	7	5	6
26/ 25	1.3	6.4																6	6	7	7
24/ 23		7.7																6	6	6	4
22/ 21		2.6																2	2	5	4
20/ 19																				1	5
18/ 17		1.3																1	1	1	3
16/ 15		1.3																1	1	1	2
14/ 13																					2
12/ 11																					1
[illegible] 7	1.3	1.3																2	2	2	
4/ 3																					1
2/ 1																					1
TOTAL	14.1	76.2	6.4	1.3														78	78	78	78

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	577589	6685	85.7	7.771	78							
Dry Bulb	91901	2587	33.2	8.900	78		44.1					93
Wet Bulb	85160	2408	31.9	8.678	78		48.9					93
Dew Point	74178	2286	29.3	9.637	78		50.1					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSIN DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) MAR (MONTH)

PAGE 1 0600-0800 (HOURS LST)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19	20	21 - 22	23	24	25 - 26	27	28	29	30	≥ 31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53			.6																			2	2		
52/ 51		.3	.5																			8	8		
50/ 49		1.5	1.3	.1																		27	27	7	
48/ 47		1.2	2.2	.2																		34	34	20	5
46/ 45	.5	4.4	2.3	.9																		78	78	33	22
44/ 43	.4	5.6	3.2	.3																		90	90	74	37
42/ 41	.7	4.1	4.2																			86	86	91	65
40/ 39	1.5	6.1	2.[illegible]	.1																		92	92	99	69
38/ 37	.7	5.0	1.6																			71	71	107	97
36/ 35	1.[illegible]	7.4	1.3																			96	96	89	98
34/ 33	1.2	6.0	2.2																			89	89	94	98
32/ 31	1.5	5.8	.7																			76	76	82	114
30/ 29	.9	4.5	.2																			54	54	69	74
28/ 27	.9	2.5	.5																			38	38	55	60
26/ 25	1.3	4.1																				51	51	46	51
24/ 23	.5	2.0																				24	24	42	48
22/ 21	.3	.9																				12	12	16	37
20/ 19		.2																				2	2	5	33
18/ 17	.2																					2	2	3	11
16/ 15																									8
14/ 13	.2	.2																				4	4	2	6
12/ 11	.2	.1																				[illegible]	3	4	2
10/ 9	.2	.2																				4	4	4	1
8/ 7																								1	
6/ 5	.4	.2																				6	[illegible]	5	3
4/ 3																								1	2
2/ 1																									5
0/ -1																									3
TOTAL	13.3	62.4	22.7	1.7																		949	949	949	949

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6801847	79933	84.2	8.323	949
Dry Bulb	1320620	34592	36.5	7.936	949
Wet Bulb	1197716	32962	34.7	7.465	949
Dew Point	1034788	30408	32.0	7.985	949

Mean No. of Hours with Temperature

	≤ 0 F	32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		27.0					93
Wet Bulb		32.8					93
Dew Point	.3	44.9					93

USAFETAC FORM JUL 64 0 26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
MAR — MONTH

PAGE 1 — 0900-1100 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63					.1													1	1		
62/ 61						.1												1	1		
60/ 59						.1												1	1		
58/ 57				.2	.1													3	3		
56/ 55		.1	.1	.4	.1													7	7	1	
54/ 53			1.1	.6	.7													24	24	1	
52/ 51		.3	2.[illegible]	1.4	.3													39	39	8	1
50/ 49		.8	3.[illegible]	1.9	.4													59	59	19	6
48/ 47		2.8	4.5	2.5	.1													95	95	44	10
46/ 45	.2	2.9	4.3	2.4														95	95	93	29
44/ 43		3.1	5.3	1.3														94	94	91	58
42/ 41	.2	3.9	4.3	.6	.1													89	89	106	69
40/ 39	.8	3.7	2.7	.6	.3													79	79	114	98
38/ 37	.4	4.5	3.6	1.2														96	96	88	105
36/ 35	.4	3.9	4.0	.5														93	93	91	101
34/ 33	.3	3.3	3.5	.3														72	72	85	90
32/ 31	.1	2.5	1.															35	35	82	92
30/ 29	.1	3.2	.4															36	36	66	65
28/ 27	.1	1.2	.5															18	18	35	70
26/ 25		.9	.3															12	12	15	57
24/ 23		.2	.2															4	4	9	37
22/ 21		.1	.2															3	3	5	31
20/ 19	.1	.2																3	3	5	17
18/ 17	.1	.1																2	2	2	11
16/ 15		.3																3	3	3	3
14/ 13		.1																1	1	1	2
12/ 11		.1																1	1	2	3
10/ 9																					4
8/ 7																					4
6/ 5																					3
TOTAL	2.9	98.4	42.1	14.1	2.3	.2												966	966	966	966

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	5712471	73553	76.1	10.774	966
Dry Bulb	1652306	39304	40.7	7.420	966
Wet Bulb	1416857	36417	37.7	6.751	966
Dew Point	1141397	32353	33.5	7.606	966

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		11.4					93
Wet Bulb		21.7					93
Dew Point		28.4					93

USAFETAC FORM 0-26-5 (OL A) FEB 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
MAR — MONTH

PAGE 1 — 1200-1400 HOURS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71								.1											1	1		
70/ 69								.1											1	1		
68/ 67						.1	.2	.2											5	5		
66/ 65						.2	.2												4	4		
64/ 63					.2	.5	.1												8	8		
62/ 61				.1	.2	.8		.1											11	11		
60/ 59				.3	.6	.3	.1	.1											15	15		
58/ 57			.3	.3	.8	.3	.3												19	19	3	
56/ 55		.1	.5	1.6	1.1	.5	.1	.1											38	38	11	
54/ 53		.1	1.1	2.4	2.2	.8	.1												61	61	19	
52/ 51		.1	2.4	2.8	1.8	.6													72	72	23	5
50/ 49		.4	3.1	4.5	2.4	.1	.3												101	101	48	10
48/ 47		1.2	3.4	4.0	1.0	.5													97	97	79	25
46/ 45		1.2	4.	2.5	1.6	.1													87	87	89	38
44/ 43	.1	1.8	3.2	2.4	1.0	.3													82	82	118	57
42/ 41	.6	1.7	3.5	2.4	1.3														89	89	113	94
40/ 39		.8	3.1	1.8	.4														37	37	85	89
38/ 37		1.8	2.8	2.4	.1														66	66	87	91
36/ 35		1.8	2.9	.8															51	51	80	82
34/ 33		1.7	1.3	.4															32	32	72	86
32/ 31		.8	.3	.5															17	17	57	85
30/ 29		.4	.6	.2															12	12	18	63
28/ 27		.1	.3																4	4	15	69
26/ 25																					12	41
24/ 23																					1	27
22/ 21																						21
20/ 19																						21
18/ 17																						7
16/ 15																						12
14/ 13																						3
12/ 11																						4
TOTAL	.8	14.1	33.3	29.6	14.7	5.3	1.5	.8												930		930
																		930			930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	≥ 93 F	Total
Rel. Hum.	4267696	61762	66.4	13.369	930							
Dry Bulb	1991163	42447	45.6	7.610	930		3.3	.7				93
Wet Bulb	1585383	37922	40.8	6.478	930		10.3					93
Dew Point	1167254	32158	34.6	7.714	930		35.3					93

USAFETAC FORM 0-26-5 (OL A) PREV 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ AC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
MAR — MONTH

PAGE 1 — 1500-1700 HOURS L.S.T.

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																										
74/ 73								.1	.2															3	3		
72/ 71						.2	.1																	3	3		
70/ 69								.2	.1															3	3		
68/ 67							.1	.1	.2															4	4		
66/ 65						.1	.3	.3																7	7		
64/ 63					.6	.9	.1	.1																15	15		
62/ 61					.4	.9	.1																	13	13	3	
60/ 59				.6	.3	1.0	.6	.4																26	26	1	
58/ 57				.6	1.3	.4	.6																	26	26	2	
56/ 55		.2	.9	1.1	1.1	.4	.2	.2																38	38	12	1
54/ 53			1.2	2.5	1.3	.7		.1																52	52	30	2
52/ 51		.6	2.4	2.9	2.1	1.1	.1																	82	82	29	4
50/ 49		1.3	2.4	3.9	2.6	.7	.3																	100	100	60	14
48/ 47		1.2	2.2	2.9	1.9	.8	.1																	82	82	81	29
46/ 45		.9	3.1	3.8	1.6	.7																		90	90	79	58
44/ 43		1.3	3.6	2.8	1.8	.4																		89	89	100	58
42/ 41	.1	2.2	2.7	3.5	1.0																			85	85	99	60
40/ 39		1.2	1.6	1.6	.7																			49	49	93	86
38/ 37	.1	1.0	2.[illegible]	2.4																				49	49	84	75
36/ 35		1.5	1.5	.6																				31	31	77	87
34/ 33		1.2	1.2	.6																				27	27	63	84
32/ 31		.3	.4	.1																				8	8	40	61
30/ 29		.6	.3																					8	8	15	75
28/ 27																										12	47
26/ 25																										2	48
24/ 23																											33
22/ 21																											33
20/ 19																											18
18/ 17																											10
16/ 15																											6
14/ 13																											1
TOTAL	.2	13.7	25.8	30.0	16.9	8.4	2.7	1.7	.6														890		890		890
																							890		890		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3811114	56814	63.8	14.400	890							
Dry Bulb	2027282	41896	47.1	7.870	890		1.7	1.4	.3			93
Wet Bulb	1378133	37027	41.6	6.511	890		7.5					93
Dew Point	1132655	30961	34.8	7.908	890		34.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3407C — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
62-67,69-70 — YEARS
MAR — MONTH

PAGE 1 — 1800-2000 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21	22	23	24	25-26	27	28	29	30	31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
62/ 61					.4																		1	1		
60/ 59					.4	.4	.4																3	3		
58/ 57			.4	.7			.4																4	4		
56/ 55			.7	.7	.4	1.1																	8	8		
54/ 53			1.1	1.1	.7	.4	.4																10	10	5	
52/ 51		.4	3.9	1.4	1.1	.4																	17	17	2	
50/ 49		1.1	4.3	2.9	3.6																		33	33	12	4
48/ 47		1.4	5.7	2.9	1.1	.7																	33	33	17	12
46/ 45		1.8	5.4	1.4	2.2	.4																	31	31	32	5
44/ 43		3.2	4.7	2.5	.7																		31	31	29	20
42/ 41	.4	1.4	3.2	1.8	1.1																		22	22	42	16
40/ 39		2.5	3.2	1.8	.4																		22	22	28	25
38/ 37	.4	1.8	1.4	2.5	.4																		18	18	28	31
36/ 35		2.2	3.9	.4																			18	18	20	32
34/ 33	.7	2.9	2.5																				17	17	27	25
32/ 31		.4	.4																				2	2	20	18
30/ 29		1.1	.7	.4																			6	6	9	31
28/ 27		.7																					2	2	3	17
26/ 25		.4																					1	1	4	16
24/ 23																									1	7
22/ 21																										9
20/ 19																										8
18/ 17																										2
12/ 11																										1
TOTAL	1.4	21.1	40.3	20.4	12.2	3.2	1.1																279	279		279
																									279	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1410380	19474	69.8	13.559	279							
Dry Bulb	553146	12274	44.0	6.885	279		3.7					93
Wet Bulb	451902	11100	39.8	6.084	279		12.3					93
Dew Point	343354	9568	34.3	7.402	279		36.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-65 (YEARS) APR (MONTH)

PAGE 1 0300-0500 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21	22	23-24	25	26-27	28-29	30	≥31	TOTAL DB	TOTAL WB	Dry Bulb	Wet Bulb	Dew P
56/ 55		1.5	1.5	1.5																	6	6			
54/ 53		5.4	1.5	.8																	10	10	4		1
52/ 51	.8	3.1	2.3																		8	8	9		4
50/ 49	2.3	3.8	3.1	.8																	13	13	13		10
48/ 47	.8	7.7	3.8																		16	16	9		8
46/ 45	2.3	3.1	1.5																		9	9	18		16
44/ 43	.8	4.6	2.3																		10	10	8		9
42/ 41	.8	11.5	2.3																		19	19	11		12
40/ 39		10.8	1.5																		16	16	23		11
38/ 37	.8	7.7	.8																		12	12	16		20
36/ 35		6.2																			8	8	9		16
34/ 33		.8																			1	1	7		14
32/ 31	.8	.8																			2	2	2		3
30/ 29																							1		5
28/ 27																									1
TOTAL	9.2	66.9	20.8	3.1																	130	130	130		130

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	964455	11159	85.8	7.144	130							
Dry Bulb	260817	5771	44.4	5.990	130		1.4					90
Wet Bulb	239102	5526	42.5	5.709	130		2.1					90
Dew Point	216227	5245	40.3	5.979	130		6.2					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
APR — MONTH

PAGE 1 — 0600-0800 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15	16	17 - 18	19 - 20	21	22 23	24 25	26 27	28 29	30	≥ 3	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61			.1	.3																4	4		
60/ 59			.2																	2	2		
58/ 57		.1	1.1	.2																13	13	1	
56/ 55		.8	2.0	.8	.3															36	36	7	
54/ 53	.2	1.7	2.7	1.3																55	55	22	7
52/ 51		3.9	1.8	.3	.1															57	57	46	18
50/ 49		4.5	4.4	.9	.3															94	94	82	54
48/ 47	.2	5.2	3.0	1.0	.1															93	93	71	77
46/ 45	1.0	6.1	3.7	1.0																109	109	103	70
44/ 43	.3	4.4	4.1	.2																84	84	99	79
42/ 41	.5	6.8	4.5																	110	110	93	72
40/ 39	.9	5.8	2.6																	86	86	118	102
38/ 37	.3	5.2	2.2	.1																72	72	108	97
36/ 35	.2	3.1	1.4																	44	44	64	109
34/ 33	.3	1.8	1.5																	34	34	51	80
32/ 31	.3	1.7	.1																	20	20	35	69
30/ 29	.3	.2																		5	5	15	46
28/ 27	.3	.5																		8	6	9	28
26/ 25	.1	.2																		3	3	5	11
24/ 23																							8
22/ 21																							2
TOTAL	5.1	52.1	35.0	6.0	.9																929		929
																				929		929	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6368002	76468	82.3	8.915	929							
Dry Bulb	1858378	41092	44.2	6.629	929		3.5					90
Wet Bulb	1661618	38866	41.8	6.194	929		6.2					90
Dew Point	1457458	36278	39.1	6.630	929		15.9					90

USAFETAC FORM 0-26-5 (OL A) 12-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) APR (MONTH)

PAGE 1 0900-1100 (HOURS)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23	24 25	26 27	28	29 - 30	≥ 31	TOTAL D B W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77							.1												1	1		
76/ 75								.1											1	1		
74/ 73							.2												2	2		
72/ 71						.1	.1	.1											3	3		
70/ 69						.5	.1		.1										7	7		
68/ 67					.2	.2	.1	.1											6	6		
66/ 65				.1	.8	.7	.4	.1											21	21	1	
64/ 63			.1	.2	.7	.3	.3												16	16		
62/ 61			.4	1.1	.7	.5	.3												29	29	6	
60/ 59		.1	.3	1.6	1.6	.8	.2												44	44	10	
58/ 57		.3	1.3	2.6	2.2	1.5													75	75	20	2
56/ 55		.5	2.9	3.2	1.5	.7													84	84	36	8
54/ 53		1.3	4.4	2.4	1.3	.8	.1												98	98	62	21
52/ 51	.1	1.5	3.5	2.7	1.1	.1													85	85	88	38
50/ 49		1.8	3.2	3.2	1.2														88	88	132	63
48/ 47	.1	1.5	3.2	2.9	.8	.2													83	83	87	91
46/ 45	.1	2.4	3.7	2.5	.4														87	87	107	91
44/ 43		1.8	4.3	3.6	.3	.1													96	96	95	83
42/ 41		2.1	2.0	1.2	.1														59	59	87	90
40/ 39		1.1	2.4	.5	.1														39	39	92	98
38/ 37		.5	1.2	.2															18	18	72	80
36/ 35		.5	.4																9	9	30	100
34/ 33																					22	62
32/ 31																					4	45
30/ 29																						90
28/ 27																						32
26/ 25																						6
24/ 23																						8
22/ 21																						1
20/ 19																						2
TOTAL	.3	15.4	34.1	28.0	13.0	6.7	2.0	.4	.1										951	951		951
																					951	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4728853	66017	69.4	12.399	951
Dry Bulb	2496470	48220	50.7	7.363	951
Wet Bulb	2032399	43567	45.8	6.200	951
Dew Point	1617828	38652	40.6	7.029	951

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			1.9	.4			90
Wet Bulb		.4					90
Dew Point		11.7					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 STATION — BAD KREUZNACH GERMANY AAF STATION NAME — 60-70 YEARS — APR MONTH

PAGE 1 — 1200-1400 HOURS L.S.T.

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB	TOTAL WB	Dry Bulb	Wet Bulb	Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
86/												.1							1	1		
84/ 83										.1									1	1		
82/ 81									.3										3	3		
80/ 79									.3	.1	.1								5	5		
78/ 77									.2										2	2		
76/ 75							.1	.3	.4										8	8		
74/ 73						.1	.4	.5	.1	.1	.2								14	14		
72/ 71					.1		.6	.4	.1	.4	.2								18	18		
70/ 69					.1	.4	.8	1.2	.4										27	27		
68/ 67				.2	.4	.4	1.0	.9	.6										33	33	1	
66/ 65				.1	.3	1.1	1.7	.4	.3										37	37	4	
64/ 63			.2	.4	1.3	.8	1.2	.4											42	42	9	
62/ 61			.3	1.2	.8	3.0	1.2	.8											67	67	19	
60/ 59			.3	1.7	2.7	2.7	1.1	.4											83	83	23	2
58/ 57		.1	1.1	3.9	2.6	1.5	.9	.1											94	94	32	8
56/ 55		.3	1.3	1.2	1.5	.5	.3												48	48	71	15
54/ 53		.4	2.3	2.2	2.3	1.0	.2												77	77	88	20
52/ 51		.8	1.7	2.5	1.5	.9													68	68	124	45
50/ 49		.9	2.2	2.2	2.6	.9													80	80	99	62
48/ 47		.5	2.6	1.7	2.4	.1													68	68	90	77
46/ 45		1.4	1.4	2.5	1.5														63	63	89	88
44/ 43		1.1	1.9	1.4	.3														44	44	71	98
42/ 41	.1	.9	.6	.4	.3														22	22	57	73
40/ 39		.4	.3	.5															12	12	64	96
38/ 37	.1	.4																	5	5	31	72
36/ 35		.1																	1	1	14	88
34/ 33		.1																	1	1	8	58
32/ 31																						49
30/ 29																						34
28/ 27																						23
26/ 25																						9
24/ 23																						6
22/ 21																						1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) APR (MONTH)

PAGE 2 1200-1400 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	.2	7.3	16.3	22.2	21.0	13.4	9.5	5.5	2.9	.8	.5	.1						924	924	924	924

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3503810	55240	59.8	14.770	924							
Dry Bulb	2937579	51459	55.7	8.817	924			10.9	3.3	.8		90
Wet Bulb	2199364	44682	48.4	6.473	924			.1				90
Dew Point	1806956	37946	41.1	7.258	924		11.9					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) APR (MONTH)

PAGE 1 1500-1700 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7 8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27 28	29 30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
86/ 85												.1						1	1		
84/ 83											.1	.1						2	2		
82/ 81									.2									2	2		
80/ 79									.2	.1	.5							7	7		
78/ 77								.2	.2	.1								5	5		
76/ 75						.1	.2	.3	.1		.3	.2						12	12		
74/ 73						.2	.1	.6	1.2		.2							21	21		
72/ 71					.1	.3	1.0	1.0	.6	.6	.7							38	38		
70/ 69					.2	.1	.9	.8	.8	.6								30	30		
68/ 67					.1	.6	.9	1.2	.3	.1								29	29		
66/ 65					.8	.9	1.5	.3	1.1									41	41	5	
64/ 63			.1	.8	.8	.8	1.5	1.5	.6									53	53	13	
62/ 61			.3	1.2	.9	1.9	2.5	1.2	.2									74	74	16	1
60/ 59			.1	.9	2.5	1.7	.9											54	54	25	
58/ 57		.1	1.4	2.8	.9	1.4	.5	.3										65	65	53	7
56/ 55		.5	1.7	2.5	.9	2.0	.5	.1										72	72	53	12
54/ 53		.2	2.0	1.4	1.5	1.2	.2											58	58	87	28
52/ 51		.6	1.9	1.4	2.0	2.0	.2											72	72	120	42
50/ 49		.7	2.5	1.6	1.5	1.1												65	65	100	47
48/ 47		.5	1.9	1.9	1.8	.6												59	59	89	73
46/ 45		1.6	2.0	2.1	1.0													60	60	67	84
44/ 43		1.3	.8	1.1	[illegible]	.1												33	33	79	83
42/ 41		.6	.8	.8	[illegible]													22	22	[illegible]	76
40/ 39		.5	.5															8	8	54	61
38/ 37		.5	.1															5	5	23	64
36/ 35																				17	86
34/ 33																				2	70
32/ 31																					51
30/ 29																					45
28/ 27																					15
26/ 25																					8
24/ 23																					8
22/ 21																					4
20/ 19																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 STATION — BAD KREUZNACH GERMANY AAF STATION NAME — 60-70 YEARS — APR MONTH

PAGE 2 — 1300-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	26 - 27	28 - 29	30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL		7.0	16.1	18.5	15.5	15.1	10.8	7.7	5.6	1.5	1.6	.3							888	888	888	888

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3128850	50640	57.0	16.483	888							
Dry Bulb	2953535	50539	56.9	9.329	888			14.9	3.1	1.1		90
Wet Bulb	2148065*	43293	48.8	6.492	888							90
Dew Point	1516777	36099	40.7	7.454	888		13.4					90

USAFETAC FORM 0-26-5 (OL A) REV 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) APR (MONTH)

PAGE 1 1800-2000 (HOURS L. S. T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL D B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
80/ 79										.3								1	1		
78/ 77									.3									1	1		
76/ 75							.3											1	1		
74/ 73											.3							1	1		
72/ 71								.6	.3		.3							4	4		
70/ 69					.3		.6	1.5	.3	.9								12	12		
68/ 67						.6	.6	.3										5	5		
66/ 65				.3	.9	.6	1.8	.6	.3									15	15		
64/ 63					.9	.9	.9	.9										12	12	1	
62/ 61				.3	1.2	1.8	2.4	1.2										23	23	3	
60/ 59			1.2	.9	2.7	2.4	2.7	.3										34	34	3	
58/ 57			.6	2.1	2.1	1.5	.6											23	23	14	1
56/ 55		.6	1.5	2.7	1.8	1.8	1.2											32	32	15	3
54/ 53		.6	2.1	2.1	2.7	1.8		.3										32	32	23	3
52/ 51		.3	4.7	1.5	2.4	1.2												34	34	46	13
50/ 49		.6	3.0	2.7	2.7	1.2												34	34	48	18
48/ 47		.3	1.8	3.3	1.2													22	22	46	24
46/ 45		1.8	3.0	1.5														21	21	33	42
44/ 43		2.4	1.8	1.2	.3													19	19	35	29
42/ 41	.3	.3	.9	.3														6	6	40	38
40/ 39			.9															3	3	17	40
38/ 37		.3																1	1	8	22
36/ 35		.6																2	2	4	26
34/ 33																				2	36
32/ 31																					29
30/ 29																					6
28/ 27																					6
24/ 23																					1
20/ 19																					1
TOTAL	.3	7.7	21.3	18.6	18.9	13.6	10.9	5.6	1.2	1.2	.6								338		338
																		338		338	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1331380	20516	60.7	15.984	338
Dry Bulb	1032665	18493	54.7	7.867	338
Wet Bulb	776755	16095	47.6	3.539	338
Dew Point	566482	13662	40.4	6.505	338

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			6.7	1.1			90
Wet Bulb							90
Dew Point		11.4					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60 (YEARS) APR (MONTH)

PAGE 1 2100-2300 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59					10.5													2	2		
58/ 57				5.3														1	1		
56/ 55				10.5														2	2		
54/ 53			5.3		5.3	5.3												3	3		
52/ 51			5.3		5.3													2	2	5	
50/ 49																				1	
48/ 47			5.3	5.3	5.3													3	3	1	2
46/ 45			10.5		10.5													4	4	2	3
44/ 43																				2	2
42/ 41		10.5																2	2	4	
40/ 39																				3	1
38/ 37																				1	4
36/ 35																					3
34/ 33																					2
30/ 29																					1
28/ 27																					1
TOTAL		10.5	26.3	21.1	36.6	5.3												19	19	19	19

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	82394	1232	64.8	11.805	19							
Dry Bulb	49147	961	50.6	5.480	19							90
Wet Bulb	38798	854	44.9	4.790	19							90
Dew Point	29243	737	38.8	6.033	19		9.5					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-64,66 — YEARS
MAY — MONTH

PAGE 1 — 0300-0500 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61		1.6	.8	.8														4	4		
60/ 59			.8															1	1	2	1
58/ 57		3.1	1.6		.8													7	7	1	1
56/ 55	.8	3.9	.8	.8														8	8	5	5
54/ 53	.8		3.9	.8														7	7	7	7
52/ 51	2.3	4.7	1.6	.8														12	12	6	5
50/ 49	2.3	5.5	1.6															12	12	13	10
48/ 47	.8	7.8	3.1															15	15	15	11
46/ 45		8.6	2.3															14	14	14	10
44/ 43	.8	9.4	1.6															15	15	14	17
42/ 41	1.6	9.4	.8															15	15	18	12
40/ 39		3.1																4	4	12	19
38/ 37		7.8	.8															11	11	9	12
36/ 35		.8																1	1	4	10
34/ 33	.8																	1	1	3	3
32/ 31		.8																1	1		4
30/ 29																				1	
28/ 27																					1
TOTAL	10.2	56.4	19.5	3.1	.8														128		128
																		128		128	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 65 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	969565	11095	86.7	7.864	128							
Dry Bulb	290812	6038	47.2	6.574	128		.7					93
Wet Bulb	267398	5798	45.3	6.254	128		.7					93
Dew Point	245336	5542	43.3	6.511	128		3.6					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) MAY (MONTH)

PAGE 1 0600-0800 (HOURS (L.S.T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 20	21 - 22	23 - 24	25 - 26	27 28	29 - 30	≥ 31	TOTAL D B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69					.1													1	1		
68/ 67				.2														2	2		
66/ 65			.1		.2	.2												5	5		
64/ 63		.2	.5	.5	.5													17	17		
62/ 61		.4	.8	1.0	.6	.2												29	29	8	
60/ 59		1.0	1.7	2.0	.3													47	47	10	6
58/ 57	.2	3.4	2.2	1.6	.5													75	75	34	12
56/ 55	.2	2.9	3.5	3.3	.5													98	98	71	31
54/ 53	.5	3.6	5.4	2.4	.3													116	116	87	64
52/ 51	.3	3.9	7.1	2.1														127	127	96	65
50/ 49	.6	4.2	6.6	.2														110	110	141	103
48/ 47	.3	5.1	5.1	.4	.1													104	104	140	105
46/ 45	.4	4.8	3.1	.3	.1													82	82	129	127
44/ 43	.1	4.3	1.2	.1														54	54	74	149
42/ 41	.2	2.4	.7															32	32	74	88
40/ 39	.1	1.7	.6															23	23	92	76
38/ 37	.2	.8	.1															11	11	29	52
36/ 35	.2	.5																7	7	11	31
34/ 33		.2																2	2	5	18
32/ 31		.2																2	2	1	13
30/ 29																				2	2
28/ 27																					1
26/ 25																					1
TOTAL	3.5	39.7	38.8	14.2	3.4	.4												944	944	944	944

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6263479	76373	80.9	9.473	944
Dry Bulb	2497717	48217	51.1	6.085	944
Wet Bulb	2209791	45379	48.1	5.486	944
Dew Point	1964239	42711	45.2	5.806	944

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		.2	.3				93
Wet Bulb		.3					93
Dew Point		1.7					93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
MAY — MONTH

PAGE 1 — 0900-1100 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79								.1										1	1		
78/ 77							.2	.1	.1									4	4		
76/ 75						.1	.8	.1	.1									11	11		
74/ 73						.2	.4	.1	.1									8	8		
72/ 71					.8	1.0	.4	.4										26	26		
70/ 69				.2	.9	.9	1.0	.2	.2									34	34		
68/ 67			.1	1.1	1.5	.8	.5	.3										42	42	2	
66/ 65			.2	.6	1.0	2.0	1.1	.3										51	51	7	
64/ 63			.7	1.5	1.8	1.6	.3	.3										59	59	22	
62/ 61		.2	1.5	2.6	3.8	2.3	.4											103	103	37	4
60/ 59		.4	2.0	4.4	3.8	2.2	.2											124	124	51	24
58/ 57	.2	2.0	1.6	4.5	4.3	1.5	.1	.1										136	136	75	30
56/ 55		1.6	1.9	4.6	2.4	.7												107	107	116	57
54/ 53		1.1	3.7	3.9	1.8	.1	.1											102	102	140	76
52/ 51		1.0	2.8	1.5	.6													57	57	142	64
50/ 49		.2	1.4	2.0	.2	.5												41	41	148	105
48/ 47		.1	1.6	.9														25	25	91	132
46/ 45		.2	.9	.4	.2													17	17	59	122
44/ 43			.5	.3														8	8	36	1.6
42/ 41			.1															1	1	18	76
40/ 39																				8	60
38/ 37																				5	37
36/ 35																					27
34/ 33																					9
32/ 31																					6
30/ 29																					7
28/ 27																					3
26/ 25																					2
TOTAL	.2	6.9	18.9	28.5	23.1	14.0	5.7	2.1	.5									937	957	957	957

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4252778	62686	65.5	12.337	957
Dry Bulb	3341191	56195	58.7	6.583	957
Wet Bulb	2643152	50038	52.3	5.200	957
Dew Point	2126852	44708	46.7	6.324	957

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			12.2	2.3	.1		93
Wet Bulb			.2				93
Dew Point		.7					93

USAFETAC FORM 0-26-5 (OL A) 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) MAY (MONTH)

PAGE 1 1200-1400 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B W B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85								.1	.2									3	3		
84/ 83									.2									2	2		
82/ 81						.1	.1	.2	.4	.2								10	10		
80/ 79							.1	.7	1.1	1.0								27	27		
78/ 77						.2	.5	.9	.4	.4								23	23		
76/ 75					.1	.4	1.2	.9	.4	.2								30	30		
74/ 73					.1	.5	.3	1.7	.6	.5	.2							38	38		
72/ 71					.5	1.0	1.4	1.0	1.3	.2	.1	.1						52	52	2	
70/ 69					1.2	.7	1.0	1.5	.3	.1								45	45	5	
68/ 67				.3	.9	1.1	1.7	1.0	.2	.2								50	50	10	
66/ 65		.1		.9	1.5	3.1	3.3	1.5	.2									99	99	24	1
64/ 63			.6	1.7	2.4	2.9	1.8	.6										94	94	47	6
62/ 61		.1	1.5	2.5	2.6	4.0	2.0	.3	.1									122	122	49	6
60/ 59		.4	1.2	1.9	1.4	2.4	1.0	.3										80	80	71	16
58/ 57		.6	1.1	1.7	3.1	1.5	1.2	.3										89	89	95	45
56/ 55		.7	1.7	2.2	1.9	1.2	.3											76	76	140	63
54/ 53		.3	1.3	1.2	1.2	.7	.4											48	48	137	64
52/ 51			.2	1.0	.5	.1												17	17	120	82
50/ 49		.4	.2	.6	.5	.1												18	18	105	98
48/ 47			.5	.2	.1													8	8	63	79
46/ 45		.2		.1														3	3	31	116
44/ 43		.1		.1														2	2	24	103
42/ 41																				11	84
40/ 39																				2	60
38/ 37																					33
36/ 35																					30
34/ 33																					19
32/ 31																					12
30/ 29																					11
28/ 27																					6
26/ 25																					2
TOTAL		3.1	8.3	14.4	17.9	20.0	18.3	11.0	5.6	2.9	.3	.1						936	936	936	936

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3095585	52195	55.8	16.066	936
Dry Bulb	3828485	59431	63.5	7.665	936
Wet Bulb	2793699	50869	54.3	5.642	936
Dew Point	2076452	43582	46.5	7.104	936

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			27.8	13.2	2.5		93
Wet Bulb			1.7				93
Dew Point		.3.1					93

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) MAY (MONTH)

PAGE 1 1500-1700 (HOURS L.S.T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
90/ 89											.1	.1						2	2		
88/ 87											.1							1	1		
86/ 85								.1		.2								3	3		
84/ 83									.1	.4	.4	.2						11	11		
82/ 81							.1	.1	.9	.3	.6	.2						20	20		
80/ 79						.2	.1	.6	.8	1.0	.3							27	27		
78/ 77						.2	.6	.6	1.1	.6	.4							31	31		
76/ 75						.4	.9	1.4	.6	.2	.6							37	37		
74/ 73					.1	.9	.7	1.4	.9	.7	.3							45	45		
72/ 71					.7	.3	1.4	1.1	1.3	.1	.2							47	47	1	
70/ 69				.2	.9	.8	1.6	1.0	1.6	.1								55	55	7	
68/ 67				.1	.9	1.6	1.8	1.8	.3									58	58	11	
66/ 65				.7	1.1	1.8	2.7	2.8	.2									83	83	31	
64/ 63			.2	1.3	1.7	2.5	3.2	1.6	.1									96	96	53	6
62/ 61		.3	1.1	1.3	1.9	3.3	1.3	.6										89	89	49	3
60/ 59		.1	.9	.6	2.5	2.9	1.7	.1										79	79	70	29
58/ 57		.4	1.4	1.7	3.1	1.9	1.0											86	86	96	27
56/ 55		.8	1.6	1.6	2.5	.7	.7											70	70	117	64
54/ 53		.9	1.0	.4	1.1	.7	.2											39	39	121	53
52/ 51				.2	.8	.1												10	10	142	73
50/ 49		.3		.2	.1	.1												7	7	95	95
48/ 47		.1	.1		.1	.1												4	4	57	84
46/ 45		.2		.1														3	3	26	88
44/ 43																				21	102
42/ 41																				2	86
40/ 39																				4	67
38/ 37																					45
36/ 35																					23
34/ 33																					30
32/ 31																					15
30/ 29																					4
28/ 27																					6
26/ 25																					2
24/ 23																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) FOR 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 STATION — BAD KREUZNACH GERMANY AAF STATION NAME — 60-70 YEARS — MAY MONTH

PAGE 2 — 1500-1700 HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL		3.2	6.3	8.4	17.5	18.5	17.5	13.1	7.9	3.7	3.1	.6						903	903	903	903

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2672909	47379	52.5	14.399	903							
Dry Bulb	3868350	58648	64.9	8.107	903			34.7	18.2	5.5		93
Wet Bulb	2735102	49432	54.7	5.680	903			2.0				93
Dew Point	1971772	41694	46.2	7.191	903		2.9					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) MAY (MONTH)

PAGE 1 1800-2000 (HOURS L.S.T.)

Temp. (F)	0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
88/ 87										.3								1	1		
84/ 83									.3									1	1		
82/ 81									.9	.3	.3							5	5		
80/ 79						.3		.6	.6	.9	.3							9	9		
78/ 77					.3	.3	.3	.9	1.5	.6								13	13		
76/ 75						.3		.9		.3	.3							6	6		
74/ 73						.6	1.2	.6		.3	.6							11	11		
72/ 71					1.2	.6	.9	1.2	.9	.3	.6							19	19	1	
70/ 69					.3	1.5	1.2	1.5	.3	.3								17	17	2	
68/ 67			.3	1.5	1.2	1.8	.6	2.7	.6									29	29	2	
66/ 65				1.2	1.8	1.8	2.4	.6	.3									27	27	10	1
64/ 63			.6	1.2	1.5	1.5	1.8	1.5										27	27	15	2
62/ 61		.3	.6	2.1	3.3	3.9	2.1											41	41	25	4
60/ 59			.9	.6	2.7	3.0	1.2											28	28	23	6
58/ 57			2.1	2.7	2.1	1.5	1.5											33	33	30	14
56/ 55		.6	2.1	2.7	3.3	.3												30	30	38	17
54/ 53		1.5	.9	1.8	1.8	1.5	.3											26	26	49	24
52/ 51		.6	.9	.3	.9													9	9	53	23
50/ 49			.6															2	2	43	46
48/ 47			.3		.3	.3												3	3	21	21
46/ 45																				15	47
44/ 43																				8	34
42/ 41																					31
40/ 39																				1	23
38/ 37																				1	17
36/ 35																					5
34/ 33																					11
32/ 31																					5
30/ 29																					5
26/ 25																					1
TOTAL		3.0	9.2	13.9	20.5	19.0	13.4	10.4	5.3	3.3	2.1							337	337	337	337

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1104435	18673	55.4	14.410	337							
Dry Bulb	1378399	21391	63.5	7.832	337			30.6	12.7	3.3		93
Wet Bulb	1001683	18275	54.2	5.632	337			1.4				93
Dew Point	739995	15607	46.3	7.157	337		3.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-64 (YEARS) JUN (MONTH)

PAGE 1 0300-0500 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65		.8	.8															2	2		
64/ 63		1.6	2.3	.8														6	6	1	
62/ 61		2.3	.8															4	4	4	3
60/ 59	.8	2.3	3.1	2.3														11	11	7	6
58/ 57	2.3	5.5	.8															11	11	11	8
56/ 55	1.6	10.2	1.6	.8														18	18	14	8
54/ 53	2.3	7.8	2.3	.8														17	17	17	21
52/ 51	2.3	7.8	.8	2.3														17	17	16	13
50/ 49		5.5	1.6															9	9	13	14
48/ 47	2.3	7.8	.8															14	14	18	15
46/ 45	.8	1.6	.8															4	4	8	11
44/ 43		3.9																5	5	5	9
42/ 41	.8	3.9	.8															7	7	8	5
40/ 39		.8																1	1	3	9
38/ 37		.8																1	1	1	3
36/ 35		.8																1	1	2	1
34/ 33																					2
TOTAL	13.3	63.3	16.4	7.0															128		128
																		128		128	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1005434	11306	88.3	7.315	128							
Dry Bulb	360733	6749	52.7	6.200	128							90
Wet Bulb	334953	6503	50.8	5.999	128							90
Dew Point	315914	6308	49.3	6.305	128							90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) JUN (MONTH)

PAGE 1 0600-0800 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75						.1												1	1		
74/ 73						.1												1	1		
72/ 71			.1	.3	.3	.2												9	9		
70/ 69			.2	1.1	.8	.2												22	22		
68/ 67		.3	.8	1.0	.8	.2												36	36	1	
66/ 65		1.2	2.4	2.1	.5	.1												60	60	13	2
64/ 63		1.4	3.7	2.4	.5	.1	.1											78	78	43	13
62/ 61	.2	3.1	3.9	2.6	1.2	.2												106	106	59	31
60/ 59	.3	3.6	4.7	3.1	.5	.1												116	116	109	64
58/ 57	.3	6.2	5.6	1.8	.6		.1											139	139	113	95
56/ 55	.6	4.8	3.8	2.8	.3													116	116	146	109
54/ 53	.2	5.1	3.7	1.3	.2													99	99	143	124
52/ 51	.2	3.4	2.0	.8	.1													68	68	101	136
50/ 49	.2	3.6	1.1	.6														52	52	97	119
48/ 47	.1	1.2	.8	.1														21	21	61	90
46/ 45	.1	.7	.1	.2														11	11	39	65
44/ 43		.6	.1															7	7	7	46
42/ 41		.2																2	2	8	20
40/ 39																				4	20
38/ 37																					4
36/ 35		.1																1	1	1	4
34/ 33																					3
TOTAL	2.3	35.4	33.8	20.8	6.0	1.4	.2												945		945
																		945		945	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6224393	76091	80.5	10.167	945							
Dry Bulb	3207421	54787	58.0	5.741	945			6.6	.2			90
Wet Bulb	2832182	51506	54.5	5.137	945			.1				90
Dew Point	2566394	48960	51.8	5.618	945							90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
JUN — MONTH

PAGE 1 — 0900-1100 HOUR

Temp (F)	0	1-2	3-4	5-6	7-8	9	10	11-12	13	14	15-16	17-18	19-20	21	22-23	24-25	26-27	28-29	30-31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																						
86/ 85													.1							1	1		
82/ 81					.1		.1	.1	.3	.5										11	11		
80/ 79							.1	.4	.7	.2										14	14		
78/ 77				.1	.3		.6	1.5	.3	.3										38	38		
76/ 75				.2	.5	1.1	1.0	.5												33	33		
74/ 73				.4	1.7	2.6	1.5	1.0	.1											70	70	1	
72/ 71			.3	.6	2.4	2.2	1.6	.6												74	74	3	
70/ 69			.2	.9	2.6	3.5	1.4	.3	.2											88	88	9	2
68/ 67			.0	2.2	3.2	1.9	.8	.2												86	86	32	3
66/ 65		.3	1.4	4.2	3.8	2.0	.5	.3												120	120	69	12
64/ 63		.5	2.4	3.5	2.3	1.1	1.1	.1												107	107	98	18
62/ 61	.1	.8	1.6	2.5	2.4	.8	.3	.2												84	84	116	47
60/ 59	.2	1.5	1.8	2.7	1.4	.7	.6													85	85	171	100
58/ 57	.2	.4	1.9	2.2	1.5	.5														64	64	132	118
56/ 55		.7	1.5	1.1	.6	.1														39	39	90	125
54/ 53		.7	.8	.2	.1	.1														19	19	86	121
52/ 51	.1	.4	.9		.2															16	16	75	105
50/ 49		.2	.3		.2															7	7	40	93
48/ 47		.3	.1	.1																5	5	25	70
46/ 45		.1																		1	1	8	48
44/ 43																						4	37
42/ 41																						2	27
40/ 39																							14
38/ 37																							7
36/ 35																							9
34/ 33																							6
TOTAL	.6	6.0	13.7	21.0	23.3	17.6	11.1	5.2	1.4				.1							962	962	962	962

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	4207620	62412	64.9	12.642	962							
Dry Bulb	4182628	63086	65.6	6.887	962			38.8	15.6	1.9		90
Wet Bulb	3288958	56016	58.2	5.322	962			4.2	.1			90
Dew Point	2731091	50903	52.9	6.257	962			.5				90

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) JUN (MONTH)

PAGE 1 1200-1400 (HOURS L.S.T.)

Temp. (F)	0	1 2	3 - 4	5 - 6	7 - 8	9 10	11 - 12	13 - 14	15 - 16	17 - 18	19 20	21 - 22	23 24	25 26	27 28	29 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
92/ 91														.1				1	1		
90/ 89												.3	.1					4	4		
88/ 87								.1			.3							4	4		
86/ 85						.1		.2	.8	.8	.6							25	25		
84/ 83							.2	.5	.7	1.4	.2							29	29		
82/ 81						.2	.3	1.1	1.4	.6	.2							36	36		
80/ 79					.1	.3	.7	1.3	.7	.3	.1							34	34		
78/ 77					.5	.7	1.4	2.3	2.1	.3								70	70		
76/ 75				.1	.3	1.1	3.1	2.1	1.5	.3								80	80	1	
74/ 73				.1	1.0	1.3	3.5	1.6	.8	.4	.1							86	86	4	
72/ 71			.1	.3	1.4	1.7	2.8	1.7	.7	.4								86	86	7	1
70/ 69			.5	1.0	1.8	1.8	2.2	.6	.2									77	77	26	1
68/ 67			.3	1.3	2.3	2.3	2.1	1.0	.1									89	89	63	6
66/ 65			.6	1.6	1.9	1.4	1.0	1.0										69	69	96	8
64/ 63		.3	1.2	1.7	1.3	2.0	1.6	.6										82	82	118	31
62/ 61		.6	.8	1.5	1.0	.7	.3	.3										50	50	122	41
60/ 59		.6	.6	1.4	.6	1.2	.3	1										46	46	124	68
58/ 57		.1	1.1	1.5	.5	.3	.1											34	34	119	125
56/ 55		.1	.8	.4	.4													17	17	75	122
54/ 53		.8	.3															11	11	80	105
52/ 51		.3			.2													5	5	64	101
50/ 49		.2	.3		.1													6	6	22	97
48/ 47		.1																1	1	17	67
46/ 45																				3	54
44/ 43																				1	36
42/ 41																					31
40/ 39																					21
38/ 37																					13
36/ 35																					8
34/ 33																					5
32/ 31																					1
TOTAL		3.3	6.8	10.8	13.4	15.5	19.6	14.5	9.2	4.7	1.6	.3	.1	.1					942		942
																		942		942	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3097270	52368	55.6	14.060	942							
Dry Bulb	4675425	65935	70.0	8.007	942			59.3	35.3	11.0		90
Wet Bulb	3388528	56260	59.7	5.499	942			9.6	.5			90
Dew Point	2638874	49474	52.5	6.560	942		.1	.8				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) JUN (MONTH)

PAGE 1 1500-1700 (HOURS L S T)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 28	29 30	≥ 31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
92/ 91											.1		.2					3	3		
90/ 89										.3	.1	.7						10	10		
88/ 87									.1	.2	.6	.8	.1					16	16		
86/ 85									.3	.7	.7							15	15		
84/ 83								.7	.9	1.1	.3							27	27		
82/ 81						.1	.3	.7	1.9	1.0	.1	.1						38	38		
80/ 79						.3	.7	1.6	2.2	1.0	.3	.1						56	56		
78/ 77						.7	1.1	3.1	1.8	.9	.4							72	72		
76/ 75				.1	.2	1.1	1.3	3.5	.8	.8	.3							73	73		
74/ 73				.1	1.6	2.3	1.5	2.7	1.0	.4	.2							88	88		
72/ 71					.9	1.9	2.0	2.0	.9	.2								71	71	9	
70/ 69		.1	.3	.8	1.7	2.5	1.0	1.6	1.2									82	82	21	
68/ 67			.8	.8	2.2	1.6	1.0	.8	.1									65	65	65	2
66/ 65		.1	.7	1.1	1.6	1.2	.9	1.2										61	61	96	3
64/ 63		.4	.8	1.6	1.7	1.1	1.3	.6										67	67	121	27
62/ 61		.6	.7	1.7	.4	1.7	.3	.2										50	50	133	36
60/ 59		1.0	.7	1.8	.7	.7												43	43	108	76
58/ 57		.3	.8	.2	1.2	.1	.2											25	25	106	96
56/ 55		.3	.2		.2													7	7	86	139
54/ 53		.9	.2	.1	.3													14	14	54	101
52/ 51		.7	.3															9	9	37	105
50/ 49			.1															1	1	25	83
48/ 47			.2															2	2	8	47
46/ 45																				6	44
44/ 43																					46
42/ 41																					47
40/ 39																					26
38/ 37																					7
36/ 35																					6
34/ 33																					2
32/ 31																					2
TOTAL		4.4	5.8	8.3	12.7	15.3	11.7	18.5	11.3	6.7	3.2	1.7	.3						895		895
																		895		895	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2794921	48119	53.81	5.247	895
Dry Bulb	4561370	63458	70.9	8.329	895
Wet Bulb	3241467	53651	59.9	5.324	895
Dew Point	2478326	46744	52.2	6.432	895

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			61.9	40.0	14.8		90
Wet Bulb			9.6				90
Dew Point		.2	.2				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 STATION — BAD KREUZNACH GERMANY AAF STATION NAME — 60-70 YEARS — JUN MONTH

PAGE 1 — 1800-2000 HOURS (L S T)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
90/ 89										.3		.3						2	2		
88/ 87											.6							2	2		
86/ 85								.3	.6	.3	.9							7	7		
84/ 83								.9	.6	.9	.9							11	11		
82/ 81							.6	1.2	2.2	.3								14	14		
80/ 79						.6	1.2	1.9	.9	.6	.3							18	18		
78/ 77					.6			.9	2.8	.6								16	16		
76/ 75					.6	.9	2.5	3.4	.6									26	26		
74/ 73					1.5	.9	2.8	2.5		.3								26	26		
72/ 71					1.2	1.9	.6	1.9	.3	.6								21	21	2	
70/ 69				.9	1.5	2.8	1.2	.9	.9									27	27	13	
68/ 67			.6	3.1	3.7	1.5	.6	1.2	.6									37	37	20	1
66/ 65		.3	1.9	.9	2.5	3.4	1.2	.3	.3									35	35	29	3
64/ 63			.3	1.5	1.5	.3	.6	.3										15	15	34	14
62/ 61		1.2	1.2	1.2	1.9	.9	.6											23	23	59	12
60/ 59		1.2	1.2	2.5	.9	.9												22	22	47	24
58/ 57			.6	.9		.3												6	6	29	33
56/ 55		.6	.3		.6													5	5	34	55
54/ 53		.9	.3	.3														5	5	28	36
52/ 51		.3	1.2															5	5	16	42
50/ 49		.3																1	1	10	41
48/ 47																				3	21
46/ 45																					10
44/ 43																					8
42/ 41																					11
40/ 39																					9
38/ 37																					4
TOTAL		4.9	7.7	11.4	16.7	14.5	12.0	15.7	9.9	4.0	2.8	.3							324		324
																		324		324	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1134159	18529	57.2	15.189	324							
Dry Bulb	1597809	22599	69.8	8.164	324			57.5	33.9	11.7		90
Wet Bulb	1168126	19382	59.8	5.183	324			9.7				90
Dew Point	919473	17151	52.9	5.988	324			.3				90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISIO
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 69 (YEARS) JUL (MONTH)

PAGE 1 0000-0200 (HOURS LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21	22	23 - 24	25 - 26	27	28	29 - 30	≥ 31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67				33.3																1	1		
66/ 65				33.3																1	1		
64/ 63			33.3																	1	1		
62/ 61																						1	
60/ 59																						2	1
58/ 57																							1
56/ 55																							1
TOTAL			33.3	66.7																	3		3
																				3		3	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17038	226	75.3		3							
Dry Bulb	12810	196	65.3		3			31.0				93
Wet Bulb	11044	182	60.7		3							93
Dew Point	9866	172	57.3		3							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-64,69 (YEARS) JUL (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67			.8	.8														2	2		
66/ 65		.8	2.4		.8													5	5		
64/ 63		2.4	2.4															6	6	3	2
62/ 61		5.6		1.6	.8													10	10	6	3
60/ 59	.8	5.6	4.6	.8														15	15	11	7
58/ 57	.8	7.9	4.[illegible]		.8													17	17	12	11
56/ 55	1.6	7.9	1.6	.8														15	15	21	10
54/ 53	1.6	13.5																19	19	23	23
52/ 51	.8	5.6																8	8	15	21
50/ 49	2.4	7.1	.8															13	13	12	16
48/ 47	.8	3.2	.8															6	6	8	12
46/ 45	1.6	3.2	.8															7	7	9	7
44/ 43		.8	.8															2	2	4	9
42/ 41		.8																1	1	1	2
40/ 39																				1	1
38/ 37																					1
36/ 35																					1
TOTAL	10.3	64.3	19.[illegible]	4.0	2.4														126		126
																		126		126	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	974663	11039	87.6	7.758	126							
Dry Bulb	388544	6960	55.2	5.718	126			1.5				93
Wet Bulb	359919	6703	53.2	5.161	126							93
Dew Point	337907	6491	51.5	5.305	126							93

USAFETAC FORM 0-26-5 (OL-A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 STATION — BAD KREUZNACH GERMANY AAF STATION NAME — 60-70 YEARS — JUL MONTH

PAGE 1 — 0600-0800 HOURS L.S.T.

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
80/ 79				.1														1	1		
78/ 77					.1													1	1		
76/ 75					.2	.1	.1	.1										5	5		
74/ 73			.1	.1	.3		.1											6	6	1	
72/ 71			.4	.3	.2	.1												10	10		
70/ 69		.4	.4	.6	.5	.1												20	20	6	2
68/ 67		.6	2.3	1.8	.6	.3												53	53	9	7
66/ 65		1.4	3.2	1.7	1.0	.1	.1											70	70	25	7
64/ 63		2.7	3.3	2.7	.8													88	88	44	23
62/ 61		3.8	4.2	2.8	1.3	.1												113	113	87	50
60/ 59	.2	5.1	7.0	3.7	.4	.1												153	153	100	65
58/ 57	.1	5.5	4.8	2.6	.4													125	125	138	113
56/ 55	.6	5.0	4.5	1.6	.2													111	111	168	114
54/ 53	.4	3.1	4.2	1.2														83	83	120	135
52/ 51	.2	3.1	1.8	.2														50	50	96	132
50/ 49	.3	1.8	.6	.1														27	27	84	129
48/ 47	.1	.6		.1														8	8	36	67
46/ 45	.1	.3	.1															5	5	11	41
44/ 43																				4	32
42/ 41																					8
40/ 39																					3
38/ 37																					1
TOTAL	2.2	33.5	37.1	19.7	6.1	1.0	.3	.1										929	929	929	929

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6185048	75284	81.0	9.526	929							
Dry Bulb	3307993	55207	59.4	5.419	929			9.6	1.3			93
Wet Bulb	2930297	51979	56.0	4.868	929			1.6	.1			93
Dew Point	2677606	49634	53.4	5.272	929			.9				93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 STATION — BAD KREUZNACH GERMANY AAF STATION NAME — 60-70 YEARS — JUL MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 10	11 - 12	13 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89												.1						1	1		
88/ 87											.1							1	1		
86/ 85								.1		.1	.1							3	3		
84/ 83							.1	.8	.2	.3	.1							15	15		
82/ 81						.2	.5	.4	.2	.1								14	14		
80/ 79					.2	.5	1.0	.5	.5									26	26		
78/ 77				.1	.1	1.4	1.3	1.1			.1							38	38		
76/ 75				.3	.8	2.0	2.1	.2	.2									54	54		
74/ 73				.7	2.0	2.2	1.5		.2									63	63	1	
72/ 71		.1	.3	1.1	2.4	2.6	1.2	.3	.2	.1								79	79	11	
70/ 69			.7	2.4	1.8	2.6	1.2	.6										89	89	24	1
68/ 67			.7	2.1	2.5	2.5	1.4	.3										91	91	55	12
66/ 65		.3	1.6	3.4	2.8	3.2	.2	.1	.1									110	110	87	15
64/ 63		1.2	2.[illegible]	3.3	3.6	.7	.3	.1										106	106	111	36
62/ 61		1.3	1.8	3.6	3.0	1.3	.2	.1										106	106	117	80
60/ 59		1.2	1.9	2.4	1.2	.3												66	66	131	115
58/ 57	.2	.2	1.0	2.5	.8	.2												53	53	125	116
56/ 55		.4	.6	.5	.6													21	21	130	115
54/ 53		.2	.3	.3														8	8	75	113
52/ 51																				48	98
50/ 49																				22	77
48/ 47																				7	67
46/ 45																					44
44/ 43																					30
42/ 41																					13
40/ 39																					8
38/ 37																					3
36/ 35																					1
TOTAL	.2	4.9	11.7	22.9	21.9	19.9	10.9	4.8	1.7	.6	.4	.1						944	944	944	944

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4059393	60793	64.4	12.373	944							
Dry Bulb	4320764	63546	67.3	6.762	944			46.7	21.2	4.4		93
Wet Bulb	3382472	56302	59.6	5.098	944			9.0	.1			93
Dew Point	2825087	51337	54.4	5.939	944			1.3				93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) JUL (MONTH)

PAGE 1 1200-1400 (HOURS L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95														.2				2	2		
94/ 93													.3					3	3		
92/ 91											.3	.1	.2					6	6		
90/ 89								.2	.1	.3	.3	.4						13	13		
88/ 87								.1	.5	.9	.4	.3						21	21		
86/ 85						.2	.3	.4	1.3	.5	.5	.2						33	33		
84/ 83							.5	1.1	1.0	.7	.3							33	33		
82/ 81					.2	.7	.3	1.6	1.0	1.0	.1							45	45		
80/ 79					.2	.5	2.2	2.3	1.2	.3	.2							66	66		
78/ 77				.1	.2	.4	1.3	3.2	1.2	.1	.2							62	62		
76/ 75				.1	.2	1.0	2.1	2.0	.5	.7	.1							61	61	5	
74/ 73			.1		1.6	1.8	1.9	2.6	.7	.1								80	80	13	
72/ 71			.1	.1	1.1	1.9	2.8	1.6	.8	.1								78	78	29	1
70/ 69			.1	.5	1.6	2.1	3.2	1.3	.2									83	83	55	9
68/ 67			.8	.8	2.0	2.2	3.0	.3	.4	.1								87	87	79	15
66/ 65		.1	.5	1.6	1.8	1.9	.8	.5										66	66	86	14
64/ 63		.4	2.[illegible]	1.4	1.0	2.2	.1	.1										66	66	108	33
62/ 61	.2	.5	.3	1.4	.8	1.2	.3											44	44	111	78
60/ 59		.7	.2	1.4	1.0	.9												38	38	127	78
58/ 57		.5	.3	.7	.2													16	16	120	114
56/ 55		.3	.7	.1														10	10	90	112
54/ 53				.1														1	1	55	99
52/ 51																				31	92
50/ 49																				14	85
48/ 47																				1	76
46/ 45																					44
44/ 43																					25
42/ 41																					17
40/ 39																					15
38/ 37																					6
34/ 33																					1
TOTAL	.2	2.6	5.1	8.4	11.9	16.8	18.8	17.7	9.0	4.8	2.6	1.1	.5	.2					914		914
																		914		914	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2895330	49898	54.6	13.696	914
Dry Bulb	4828136	66004	72.2	8.220	914
Wet Bulb	3464469	56047	61.3	5.502	914
Dew Point	2712158	49444	54.1	6.402	914

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≤ 93 F	Total
Dry Bulb			68.5	43.2	18.6	.5	93
Wet Bulb			18.4	1.8			93
Dew Point			2.5				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) JUL (MONTH)

PAGE 1 1500-1700 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
96/ 95														.3				3	3		
94/ 93									.2				.3					5	5		
92/ 91									.3		.5	.1	.5					12	12		
90/ 89										.7	1.5	.9						27	27		
88/ 87							.1	.6	.3	1.4	.7	.7						33	33		
86/ 85							.3	.3	.8	1.3	.7	.1						31	31		
84/ 83						.1	.7	.7	1.5	.6	1.0							40	40		
82/ 81						.2	.5	2.0	1.6	1.3	.6							53	53		
80/ 79					.2	.2	.6	2.2	2.3	1.3	.2	.5						65	65		
78/ 77				.1	.1	.6	1.3	2.1	1.3	.5	.2	.2						55	55	2	
76/ 75						.3	1.4	1.9	1.2	.6								46	46	4	
74/ 73					.7	1.6	1.7	3.1	1.5	.1								76	76	17	
72/ 71		.1		.8	1.9	.9	1.7	2.7	.5		.1							75	75	30	2
70/ 69				.7	1.3	2.0	2.2	1.3	.3	.1								68	68	56	6
68/ 67		.1	.9	.6	.7	2.1	2.1											56	56	78	16
66/ 65		.5	1.3	1.5	1.6	1.6	1.0		.2									65	65	89	12
64/ 63		.3	1.5	1.7	1.2	1.9	.1	.3										61	61	110	33
62/ 61		1.0	.9	.8	1.0	.9	.5											45	45	92	64
60/ 59		.3	.6	.8	.9	.1												24	24	121	97
58/ 57	.2	.1	.1	.2	.3													9	9	123	86
56/ 55		.2	.6	.6														12	12	66	105
54/ 53	.1																	1	1	36	93
52/ 51																				25	94
50/ 49																				10	88
48/ 47																					62
46/ 45																					53
44/ 43																					17
42/ 41																					14
40/ 39																					11
38/ 37																					7
36/ 35																					2
TOTAL	.3	2.8	5.7	7.9	10.0	12.6	14.3	17.2	12.2	7.8	5.6	2.6	.8	.3					862		862
																		862		862	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2581305	45381	52.6	14.940	862							
Dry Bulb	4729611	63395	73.5	8.840	862			69.6	48.1	26.2	.9	93
Wet Bulb	3319441	53281	61.8	5.505	862			20.2	2.5			93
Dew Point	2556879	46627	54.1	6.353	862			2.6				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-70 (YEARS) JUL (MONTH)

PAGE 1 1800-2000 (HOURS L S T)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27-28	29-30	≥31	TOTAL D B	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																						
94/ 93															.3					1	1		
92/ 91								.3				.3								2	2		
90/ 89										.9	.9									6	6		
88/ 87										.6	.6	.3								5	5		
86/ 85							.9	.3	1.6	.9	.3	.3								14	14		
84/ 83						.3	.6	.9	.3	.9	.3									11	11		
82/ 81						.9	.6	.9	.9	1.9		.3								18	18		
80/ 79						.3	1.2	1.2	2.2	.6	.3	.3								20	20		
78/ 77						1.2	2.5	.9	1.9		.3									22	22	1	
76/ 75					.6	.6	1.6	.3	.9											13	13		
74/ 73				.3	.9	1.6	.9	2.2	.9											22	22	4	
72/ 71				.3	2.5	1.2	1.6	1.9	.3											25	25	11	1
70/ 69			1.2	.3	.9	.9	2.8	1.6	.3	.3										27	27	16	
68/ 67			1.2	2.2	1.2	3.1	1.2													29	29	27	5
66/ 65		.3	1.9	1.2	1.9	1.6	.9													25	25	32	9
64/ 63			2.5	1.2	2.2	2.2														26	26	43	16
62/ 61		2.2	1.6	1.6	.9	1.6	.6													27	27	33	26
60/ 59	.3		.9	.9	.6	.6														11	11	43	35
58/ 57		.3	.6	1.6	.9															11	11	44	39
56/ 55		.9	.9	.3																7	7	30	29
54/ 53																						19	28
52/ 51																						12	35
50/ 49																						7	39
48/ 47																							31
46/ 45																							15
44/ 43																							5
42/ 41																							2
40/ 39																							6
38/ 37																							1
TOTAL	.3	3.7	10.9	9.9	12.7	16.1	15.5	10.6	9.3	6.2	2.8	1.6			.3						322		322
																			322			322	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1134019	18447	57.3	15.509	322							
Dry Bulb	1661366	22960	71.3	8.686	322			62.1	38.7	17.6	.3	93
Wet Bulb	1213592	19688	61.1	5.529	322			17.0	1.4			93
Dew Point	965295	17515	54.4	6.239	322			1.7				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 69 (YEARS) JUL (MONTH)

PAGE 1 2100-2300 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22,23	24	25-26	27-28	29	30	>31	TOTAL D B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69			33.3	33.3																2	2		
68/ 67				33.3																1	1		
66/ 65																						1	
64/ 63																						2	
62/ 61																							2
60/ 59																							1
TOTAL			33.3	66.7																	3		3
																				3		3	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	> 73 F	> 80 F	> 93 F	Total
Rel. Hum.	17038	226	75.3		3							
Dry Bulb	14285	207	69.0		3			93.0				93
Wet Bulb	12290	192	64.0		3							93
Dew Point	11165	183	61.0		3							93

USAFETAC FORM JUL 64 0-26-1 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-64 — YEARS
AUG — MONTH

PAGE 1 — 0300-0500 HOURS L.S.T.

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
68/ 67			.8															1	1		
66/ 65		2.3			.8													4	4		
64/ 63	.8	3.0	.8	1.5														8	8	5	4
62/ 61		4.5	4.5	1.5														14	14	5	4
60/ 59	1.5	8.3	3.8	1.5														20	20	10	9
58/ 57	.8	7.6	2.3															14	14	23	11
56/ 55	1.5	7.6	3.8	.8														18	18	20	15
54/ 53	2.3	6.1	.8															12	12	15	21
52/ 51	1.5	9.8	.8															16	16	15	18
50/ 49	1.5	7.6	.8															13	13	18	20
48/ 47	1.5	1.5																4	4	11	15
46/ 45		3.8																5	5	4	6
44/ 43	.8	1.5																3	3	5	6
42/ 41																				1	2
40/ 39																					1
TOTAL	12.1	63.6	18.2	5.3	.8														132		132
																		132		132	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1045386	11710	88.7	7.080	132							
Dry Bulb	413134	7350	55.7	5.437	132			.7				93
Wet Bulb	384863	7097	53.8	5.013	132							93
Dew Point	364460	6904	52.3	5.064	132							93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) AUG (MONTH)

PAGE 1 0600-0800 (HOURS L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71			.2	.1	.1													4	4		
70/ 69			.3	.5	.1													9	9		
68/ 67		.4	2.2	1.0	.8													43	43	4	
66/ 65		2.2	1.7	1.2	.4													52	52	12	7
64/ 63	.2	4.8	1.8	1.4	.1													79	79	60	27
62/ 61	.2	6.2	4.2	1.8	.4													122	122	81	64
60/ 59	.7	6.1	3.3	1.5														111	111	100	89
58/ 57	.8	7.2	5.5	1.5														144	144	140	91
56/ 55	.7	7.4	4.7	.8														131	131	131	117
54/ 53	.4	6.3	3.6	.2														100	100	133	124
52/ 51	.5	5.8	2.1															80	80	134	134
50/ 49	.7	3.2	.1															39	39	84	149
48/ 47	.6	1.9	.2															26	26	46	78
46/ 45	.4	.6																10	10	21	51
44/ 43	.2	.3																5	5	8	16
42/ 41		.1																1	1	2	7
40/ 39																					2
TOTAL	5.6	52.5	29.9	9.9	2.0														956		956
																		956		956	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	7109324	82076	85.9	8.110	956
Dry Bulb	3220486	55252	57.8	5.337	956
Wet Bulb	2949488	52894	55.3	4.902	956
Dew Point	2759432	51134	53.5	5.055	956

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			5.4				93
Wet Bulb			.4				93
Dew Point							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
AUG — MONTH

PAGE 1 — 1900-1100 HOURS

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24	25-26	27-28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
WET BULB TEMPERATURE DEPRESSION (F)																							
88/ 87											.1									1	1		
86/ 85									.1		.1									2	2		
84/ 83						.1		.1		.1										3	3		
82/ 81							.1	.1	.3											5	5		
80/ 79					.3	.3	.2	.3	.2	.1										14	14		
78/ 77					.7	.7	.5	.7												26	26		
76/ 75				.1	.9	1.4	.8	.3												35	35		
74/ 73			.1	.6	1.3	.6	1.2	.2												40	40	1	
72/ 71			.2	1.8	1.7	2.4	.6	.1												65	65	5	
70/ 69			1.3	1.9	2.0	2.0	.9	.2												80	80	15	
68/ 67		.1	2.3	2.6	3.4	2.7	1.1													118	118	41	8
66/ 65		1.4	2.6	3.3	3.0	2.2	.4													125	125	81	19
64/ 63		1.6	2.3	4.6	4.0	1.2	.1													135	133	82	44
62/ 61		1.9	3.8	4.7	1.6	.4	.2													121	121	143	87
60/ 59	.1	1.3	3.5	5.0	1.3	.2														111	111	141	92
58/ 57	.1	.9	2.4	2.0	.3															55	55	164	107
56/ 55		.8	1.1	.3																22	22	149	137
54/ 53		.3	.5	.1																9	9	86	128
52/ 51		.1																		1	1	45	132
50/ 49																						12	106
48/ 47																							65
46/ 45																							28
44/ 43																							8
42/ 41																							3
40/ 39																							2
TOTAL	.2	8.5	20.2	26.8	20.6	14.3	6.3	2.1	.6	.2	.2										966		966
																				966		966	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4747518	66736	69.1	11.918	966							
Dry Bulb	4196338	63412	65.6	5.912	966			57.5	12.1	1.9		93
Wet Bulb	3409660	57224	59.2	4.522	966			6.1	.1			93
Dew Point	2929408	52950	56.8	5.183	966			.8				93

USAFETAC FORM 0-26-5 (OL A) 101 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) AUG (MONTH)

PAGE 1 1200-1400 (HOURS LST)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
94/ 93												.1	.3					4	4		
92/ 91									.1		.2		.1	.1				5	5		
90/ 89									.1		.3	.1						5	5		
88/ 87								.3	.5	.2	.4	.2						16	16		
86/ 85							.2	.6	.2	.5	.5	.1						21	21		
84/ 83							.7	.9	.4	.3	.1							23	23		
82/ 81						.1	.5	1.8	.5	.2								30	30		
80/ 79						1.0	1.0	1.4	1.3	.2	.1							46	46		
78/ 77						.9	1.9	.7	2.1	.2								55	55		
76/ 75					1.1	1.6	1.2	2.8	1.0									71	71	1	
74/ 73				.6	1.3	1.4	2.7	2.4	.6									85	85	8	
72/ 71			.1	.7	2.7	2.6	2.8	1.3	.4									99	99	25	
70/ 69			.7	.9	2.0	3.3	2.8	1.4	.2									106	106	38	1
68/ 67			1.3	1.1	1.8	4.8	2.3	.4		.1								111	111	76	8
66/ 65		1.2	1.1	1.4	3.1	3.1	1.2	.1										104	104	88	31
64/ 63		.5	1.3	1.7	1.4	1.6	.7	.1										69	69	112	44
62/ 61		.3	.9	1.1	1.2	.5	.1											38	38	142	87
60/ 59		.7	1.3	1.6	.2													36	36	144	82
58/ 57		.2	.6	.3														11	11	145	67
56/ 55			.3															3	3	90	116
54/ 53			.1															1	1	54	117
52/ 51																				16	128
50/ 49																					106
48/ 47																					69
46/ 45																					31
44/ 43																					20
42/ 41																					4
40/ 39																					6
38/ 37																					1
34/ 33																					1
TOTAL		3.0	7.7	9.4	14.7	20.8	18.1	14.3	7.6	1.8	1.7	.5	.4	.1				939	939	939	939

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3241910	53774	57.3	13.159	939
Dry Bulb	4806283	66837	71.2	7.220	939
Wet Bulb	3537780	57458	61.2	4.831	939
Dew Point	2827869	51251	54.6	5.709	939

Mean No. of Hours with Temperature

≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
		67.1	35.8	12.4	.4	93
		14.7	.9			93
		.9				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) AUG (MONTH)

PAGE 1 1500-1700 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F): 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B	TOTAL W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
96/ 95												.1	.1					2	2			
94/ 93											.1	.4	.2					7	7			
92/ 91										.2	.1	.4	.1					8	8			
90/ 89										.2	.4	.3	.1					10	10			
88/ 87								.3	.2	.3	.2	.3						13	13			
86/ 85							.3	.1	1.2	.7	.6	.2						28	28			
84/ 83							.1	.8	1.0	.3	.1	.1						22	22			
82/ 81					.1		.4	1.2	.3	1.3	.4							35	35			
80/ 79						.2	1.7	2.0	1.6	.6								54	54			
78/ 77					.2	1.5	1.7	2.2	1.9	1.1								68	68			
76/ 75				.1	.4	1.3	1.9	2.4	2.0	.3								76	76			
74/ 73				.3	1.7	1.2	1.8	2.4	.9	.2								76	76	12		
72/ 71			.1	.2	.8	2.4	2.5	2.7	.4	.2								83	83	19	1	
70/ 69			.2	.9	1.7	3.0	3.0	1.0	.4									97	97	55		
68/ 67	.1	.2	1.2	1.0	2.8	3.3	1.5	1.0	.2									101	101	60	9	
66/ 65		.7	1.3	1.2	1.6	2.5	1.3	.2										79	79	88	13	
64/ 63		.9	.4	1.8	.9	1.3	.4											52	52	108	43	
62/ 61		.3	.0	1.1	1.1	.4												32	32	136	75	
60/ 59		.2	.9	2.1														29	29	139	91	
58/ 57		.6	.4	.2														11	11	121	85	
56/ 55		.3	.1															4	4	87	83	
54/ 53		.3																3	3	53	118	
52/ 51																				7	118	
50/ 49																					102	
48/ 47																					78	
46/ 45																					38	
44/ 43																					17	
42/ 41																					11	
40/ 39																					6	
38/ 37																					1	
36/ 35																					1	
TOTAL	.1	3.6	5.4	9.1	11.3	17.2	17.3	15.4	10.3	5.6	2.0	2.0	.6						890		890	
																		890		890		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2854918	48768	54.8	14.334	890							
Dry Bulb	4693196	64264	72.2	7.714	890			71.1	41.7	15.4	.9	93
Wet Bulb	3371849	54611	61.4	4.846	890			15.3	1.3			93
Dew Point	2636377	48165	54.1	5.788	890			1.0				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-70 (YEARS) AUG (MONTH)

PAGE 1 1800-2000 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
94/ 93												.3						1	1		
92/ 91											.6	.3						3	3		
90/ 89										.3	.3	.3						3	3		
88/ 87									.9	.3								4	4		
86/ 85								.3	.9		.6							6	6		
84/ 83							.6	.9	.6	.6	.3							10	10		
82/ 81					.3		.3	.6	.9	.6	.3							10	10		
80/ 79						.6		.6	1.8	.3								11	11		
78/ 77					.3		.9	.9	.9	.3								11	11		
76/ 75					.6	2.2	1.8	1.5	2.2									27	27		
74/ 73				.9	.6	1.8	1.2	2.8	.6	.3								27	27	1	
72/ 71			.3	.6	1.2	2.8	3.1	1.5										31	31	11	
70/ 69		.3	.6	1.8	2.2	1.2	3.1	1.2	.3									35	35	15	1
68/ 67		.3	1.2	2.5	3.7	2.5	2.2	.3										41	41	17	1
66/ 65		1.2	1.2	2.2	2.5	3.7	.9											38	38	29	12
64/ 63		.9	1.2	1.5	.9	2.5	.3											24	24	42	16
62/ 61			1.5	2.2	2.8													21	21	51	26
60/ 59			.6	2.2	.6													11	11	44	25
58/ 57		.3	.6	.3														4	4	43	28
56/ 55		.6	.6															4	4	40	42
54/ 53		.9																3	3	28	38
52/ 51																				6	45
50/ 49																					36
48/ 47																					33
46/ 45																					14
44/ 43																					5
42/ 41																					3
TOTAL		4.6	8.0	14.2	15.7	17.2	14.5	10.8	9.2	2.8	2.2	.9							325		325
																		325		325	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	1177952	18996	58.4	14.450	325
Dry Bulb	1628486	22874	70.4	7.373	325
Wet Bulb	1206670	19740	60.7	4.873	325
Dew Point	967776	17640	54.3	3.647	325

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			63.0	32.3	11.2	.3	93
Wet Bulb			12.0	.3			93
Dew Point			.6				93

USAFETAC FORM 0-26-5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 6B (YEARS) SEP (MONTH)

PAGE 1 0000-0200 (HOURS L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51		.0																1	1	1	
50/ 49																					1
TOTAL		.0																	1		1
																		1		1	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	8464	92	92.0		1
Dry Bulb	2704	52	52.0		1
Wet Bulb	2601	51	51.0		1
Dew Point	2500	50	50.0		1

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb							90
Wet Bulb							90
Dew Point							90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 STATION — BAD KREUZNACH GERMANY AAF STATION NAME — 60-64 YEARS — SEP MONTH

PAGE 1 — 0300-0500 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67				.9														1	1		
66/ 65			1.7															2	2		
64/ 63		1.7	2.6															5	5	2	
62/ 61			.9															1	1	4	3
60/ 59	1.7	3.4	3.4															10	10	5	5
58/ 57	2.6	6.0	5.1															16	16	11	10
56/ 55	2.6	5.1	.9															10	10	13	11
54/ 53	3.4	7.7																13	13	18	11
52/ 51	5.1	4.3		.9														12	12	12	21
50/ 49	.9	1.7																3	3	6	6
48/ 47		6.0	.9															8	8	4	6
46/ 45	4.3	4.3																10	10	10	9
44/ 43	2.6	5.1	.9															10	10	10	8
42/ 41		3.4																4	4	7	6
40/ 39	1.7	2.6																5	5	6	8
38/ 37	1.7	2.6																5	5	6	5
36/ 35																				1	4
34/ 33	.9	.9																2	2	2	3
32/ 31																					1
TOTAL	27.4	54.7	16.2	1.7															117		117
																		117		117	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	990403	10677	91.3	7.227	117							
Dry Bulb	314682	6002	51.3	7.648	117			.8				90
Wet Bulb	297917	5843	49.9	7.261	117							90
Dew Point	284962	5704	48.8	7.358	117		.0					90

USAFETAC FORM 0-26-5 (OL A) APR 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) SEP (MONTH)

PAGE 1 0600-0800 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 20	21 - 22	23 - 24	25 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
72/ 71					.1													1	1		
68/ 67			.0	.1														6	6		
66/ 65		.3	.6	.3	.2													13	13		
64/ 63		.8	.1	.2														10	10	13	
62/ 61	.1	2.5	2.5	.3														48	48	11	16
60/ 59	.9	3.5	2.4	.6	.1													66	66	50	24
58/ 57	1.1	4.0	2.4	1.2	.1													78	78	68	58
56/ 55	2.9	7.9	3.1	.2														125	125	99	81
54/ 53	2.4	7.4	2.0	.1	.1													106	106	130	90
52/ 51	1.6	7.9	1.1	.2														96	96	105	112
50/ 49	2.8	4.9	1.1															78	78	109	143
48/ 47	1.7	5.0	.8															66	66	63	90
46/ 45	2.4	4.2	.3															61	61	74	76
44/ 43	1.4	3.3	.5															45	45	56	50
42/ 41	1.5	1.7																28	28	40	43
40/ 39	1.8	2.3																36	36	39	49
38/ 37	.6	.6																10	10	14	34
36/ 35	.2	.5																6	6	8	8
34/ 33	.2	.2																4	4	4	7
32/ 31																					2
TOTAL	21.6	56.9	17.4	3.4	.7													883	883	883	883

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7235054	79638	90.2	7.714	883							
Dry Bulb	2429036	43940	52.0	6.642	883			.7				90
Wet Bulb	2280559	44549	50.5	6.115	883							90
Dew Point	2166401	43405	49.2	6.096	883		.2					90

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) SEP (MONTH)

PAGE 1 0900-1100 (HOURS L.S.T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
80/ 79								.2										2	2		
78/ 77						.1	.1											2	2		
76/ 75					.3		.1											4	4		
74/ 73					.4	.3	.2											9	9		
72/ 71				.6	1.1	.2	.1											18	18		
70/ 69			.1	1.2	1.7	.6												32	32		
68/ 67			1.0	1.3	1.4	.4	.2	.1										41	41	6	
66/ 65		.2	2.2	2.4	1.4	.7	.1	.1										65	65	20	
64/ 63		.9	3.1	3.2	1.6	.6	.3											87	87	38	12
62/ 61		1.6	3.1	4.3	2.3	.6												107	107	65	28
60/ 59	.3	2.4	4.9	4.9	1.7	.4												132	132	96	62
58/ 57	.9	3.0	6.[illegible]	2.8	1.3	.2												128	128	114	88
56/ 55	.4	3.7	5.[illegible]	1.9	.2	.1												102	102	143	53
54/ 53	.2	2.1	2.3	.9	.2													52	52	140	127
52/ 51	.1	2.8	1.7	.4														45	45	113	123
50/ 49	.7	1.9	1.3	.3														38	38	76	133
48/ 47	.1	1.1	.7															17	17	40	92
46/ 45	.2	1.0	.1															12	12	27	56
44/ 43		.6																5	5	16	41
42/ 41																				2	37
40/ 39																					12
38/ 37																					4
TOTAL	3.0	21.3	31.6	24.4	13.8	4.2	1.2	.4										898	898		898
																		898		898	

Elements (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5372929	68677	76.5	11.598	898
Dry Bulb	3203122	53352	59.4	6.099	898
Wet Bulb	2742390	49426	55.0	4.972	898
Dew Point	2425901	46425	51.7	5.364	898

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			10.8	1.7			90
Wet Bulb			.6				90
Dew Point							90

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) SEP (MONTH)

PAGE 1 1200-1400 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL C.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
86/ 85								.1	.1	.1								3	3		
84/ 83							.1		.1									2	2		
82/ 81						.2	.2	.3	.2	.1								10	10		
80/ 79					.1	.2	.3	.5	.2									12	12		
78/ 77					.1	.5	1.0	.6	.1	.1								21	21		
76/ 75				.1	.5	.9	1.6	.9	.1									36	36		
74/ 73				.2	1.4	2.3	2.2	.6	.1									59	59		
72/ 71				.6	1.9	2.4	.8	.6	.1									56	56	6	
70/ 69			.2	1.3	3.4	2.2	1.6	.6	.1									82	82	8	
68/ 67			.7	3.0	2.6	3.4	1.6	.3										102	102	24	3
66/ 65		.5	1.[illegible]	1.8	2.9	2.6	1.5	.1										91	91	54	8
64/ 63		.6	1.6	1.3	4.5	2.9	.8	.1										102	102	91	22
62/ 61		.7	1.7	3.9	3.9	1.7	.7											110	110	116	38
60/ 59		.3	2.3	2.5	2.9	.8	.2											79	79	85	66
58/ 57		1.6	1.5	1.6	1.1	.6												56	56	117	92
56/ 55	.1	1.0	1.4	1.1	.3													35	35	148	100
54/ 53	.1	.3	.2	.3	.1													10	10	114	105
52/ 51	.1	.2	.2															5	5	67	98
50/ 49	.1	.1																2	2	32	123
48/ 47																				10	84
46/ 45																				1	52
44/ 43																					47
42/ 41																					18
40/ 39																					12
38/ 37																					4
36/ 35																					1
TOTAL	.5	5.4	10.9	17.8	25.8	20.7	12.7	4.7	1.3	.3								873	873	873	873

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3639175	55311	63.4	12.434	873
Dry Bulb	3812373	57419	65.8	6.408	873
Wet Bulb	2965495	50701	58.1	4.901	873
Dew Point	2434245	45819	52.5	5.812	873

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			39.5	14.7	2.1		90
Wet Bulb			3.9				90
Dew Point			.3				90

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 STATION — BAD KREUZNACH GERMANY AAF STATION NAME — 60-70 YEARS — SEP MONTH

PAGE 1 — 1500-1700 HOURS L S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 28	29 30	≥ 31	TOTAL D B	W.B	TOTAL Dry Bulb	Wet Bulb	Dew Point
86/ 85								.6	.2	.4									10	10		
84/ 83							.1	.5	.8	.2									14	14		
82/ 81								.4	.2										5	5		
80/ 79							.4	.7	.5	.5									17	17		
78/ 77				.1		.6	.9	1.2	.5	.1									32	32		
76/ 75					.7	1.8	2.7	.5	.1										49	49		
74/ 73				.2	.8	2.8	2.8	.2	.6										64	64		
72/ 71				.4	2.6	1.9	2.4	1.4											73	73	10	
70/ 69			.2	.7	2.2	3.0	2.1	1.5	.5										87	87	7	
68/ 67			.5	1.5	2.4	1.3	3.0	.5											77	77	37	2
65/ 65		.1	1.1	1.2	2.0	3.9	2.4	.5											95	95	55	9
64/ 62		.2	1.5	1.4	3.0	3.1	.9												86	86	95	23
62/ 61		.7	1.9	1.8	2.1	1.8	.4	.2											75	75	101	24
60/ 59		.5	2.5	1.8	3.0	.7	.2												73	73	87	75
58/ 57	.1	.4	1.5	2.2	1.2	.2													48	48	119	108
56/ 55	.1	.9	1.1	.6	.2	.1													26	26	144	87
54/ 53	.1	.1	.6	.4															10	10	92	97
52/ 51	.1		.1	.1															3	3	69	70
50/ 49			.1																1	1	20	92
48/ 47																					8	113
46/ 45																					2	72
44/ 43																						35
42/ 41																						21
40/ 39																						11
38/ 37																						4
36/ 35																						1
34/ 33																						1
TOTAL	.5	3.0	11.1	12.5	20.2	21.2	18.3	8.2	3.8	1.2										845		845
																			845		845	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3200651	50855	60.2	12.880	845							
Dry Bulb	3852970	56756	67.2	7.957	845			45.6	20.3	3.9		90
Wet Bulb	2915545	49453	58.5	5.029	845			5.8				90
Dew Point	2340862	44194	52.3	5.911	845			.2				90

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) SEP (MONTH)

PAGE 1 1500-2000 (HOURS)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23	24	25-26	27	28	29-30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																							
84/ 83								.3													1	1		
82/ 81							.3	1.3													5	5		
80/ 79						.3															1	1		
78/ 77						.6		1.0		.3											6	6		
76/ 75					.6	1.3	.3														7	7		
74/ 73				.3	1.3	2.5	1.0														16	16		
72/ 71				.6	1.3	2.5	.3	.6													17	17	1	
70/ 69			.3	3.2	3.8	1.6	1.0														31	31	4	
68/ 67			.3	3.5	2.5	2.5	.6	.3													31	31	9	
66/ 65		.3	1.9	1.6	2.2	2.2	.3														27	27	15	3
64/ 63		1.0	1.[illegible]	1.[illegible]	2.5	2.5	1.0														30	30	36	10
62/ 61		1.9	3.2	2.9	2.9	.3															35	35	34	17
60/ 59		.3	4.5	3.5	3.5																37	37	28	26
58/ 57		1.0	3.5	4.1	.6		.3														30	30	39	36
56/ 55	.3	2.2	3.6	2.2																	27	27	47	29
54/ 53		1.6	.6		.3																8	8	52	41
52/ 51			1.[illegible]																		3	3	33	33
50/ 49		.3																			1	1	11	50
48/ 47			.3																		1	1	4	37
46/ 45																							1	19
44/ 43																								6
42/ 41																								5
40/ 39																								1
38/ 37																								1
TOTAL	.3	8.6	20.4	23.0	21.7	16.6	5.1	3.5		.3											314	314		314
																					314		314	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1315806	21486	68.4	12.069	314							
Dry Bulb	1303777	20125	64.1	6.668	314			33.0	10.3	1.7		90
Wet Bulb	1052001	18107	57.7	5.008	314			4.0				90
Dew Point	892339	16653	53.0	5.465	314							90

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH RMANY AAF (STATION NAME) 60,68 (YEARS) SEP (MONTH)

PAGE 1 2100-2300 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27	28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59			25.																1	1		
56/ 55		25.0																	1	1	2	
54/ 53		50.0																	2	2		2
52/ 51																					2	1
50/ 49																						1
TOTAL		75.0	25.																	4		4
																			4		4	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	31434	354	88.5	5.915	4							
Dry Bulb	12235	221	55.3	2.872	4							90
Wet Bulb	11466	214	53.5	2.380	4							90
Dew Point	10826	208	52.0	1.826	4							90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
61-64 — YEARS
OCT — MONTH

PAGE 1 — 0300-0500 HOURS LST

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D B W B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61		1.0																1	1		
60/ 59		2.0																2	2	2	2
58/ 57		2.0																2	2	2	
56/ 55		3.0																3	3	4	5
54/ 53		2.0	2.															4	4	1	1
52/ 51	3.0	5.0	2.															10	10	5	3
50/ 49	2.0	1.0																3	3	8	7
48/ 47	1.0	3.0	3.															7	7	6	5
46/ 45	7.0	9.0	3.															19	19	12	12
44/ 43	1.0	8.0	2.															11	11	12	8
42/ 41	3.0	4.0																7	7	14	10
40/ 39	2.0	5.0																7	7	9	14
38/ 37	5.0	1.0																6	6	6	13
36/ 35	2.0	4.0																6	6	6	3
34/ 33	4.0	2.0																6	6	7	7
32/ 31	3.0	1.0																4	4	4	6
30/ 29		1.0																1	1		2
28/ 27		1.0																1	1	2	
26/ 25																					1
24/ 23																					1
TOTAL	33.0	55.0	12.															100	100	100	100

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	847043	9179	91.8	6.744	100							
Dry Bulb	199214	4404	44.0	7.290	100		5.6					93
Wet Bulb	189539	4297	43.0	7.033	100		5.6					93
Dew Point	179530	4176	41.8	7.206	100		9.3					93

USAFETAC FORM 0-26-5 (OL A) 1 Jul 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 60-70 (YEARS) OCT (MONTH)

PAGE 1 0600-0800 (HOURS L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.E. WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
64/ 63		.2	.7															7	7		
62/ 61		.5	.7	.3														14	14	3	
60/ 59	.2	1.4	1.2															26	26	14	10
58/ 57		2.7	1.1	.1														36	36	27	9
56/ 55	.9	4.7	.7															57	57	57	39
54/ 53	.9	3.6	1.6															56	56	60	62
52/ 51	2.5	4.6	2.3	.2														88	88	50	69
50/ 49	2.3	3.5	3.1															81	81	88	66
48/ 47	3.1	4.6	1.7															86	86	88	85
46/ 45	4.0	5.5	1.4	.1														101	101	100	84
44/ 43	3.4	4.8	.4															79	79	100	93
42/ 41	4.0	4.6	.1	.1														81	81	96	92
40/ 39	2.6	3.1	.1															53	53	65	91
38/ 37	1.9	1.6	.1															33	33	41	60
36/ 35	2.4	1.6																37	37	41	49
34/ 33	2.0	1.6																33	33	31	37
32/ 31	1.6	.9																23	23	27	31
30/ 29	.5	.9																13	13	11	15
28/ 27	.4	.7																10	10	13	7
26/ 25		.1																1	1	3	11
24/ 23		.1																1	1	1	5
20/ 19																					1
TOTAL	32.8	51.2	15.2	.9															916		916
																		916		916	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	7677183	83557	91.2	7.764	916
Dry Bulb	2008136	42290	46.2	7.801	916
Wet Bulb	1898653	41155	44.9	7.362	916
Dew Point	1796476	39992	43.7	7.423	916

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb		4.9					93
Wet Bulb		5.6					93
Dew Point		7.1					93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
OCT — MONTH

PAGE 1 — 0900-1100 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21	22	23-24	25	26	27	28	29	30	≥31	TOTAL D B W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71					.1																		1	1		
70/ 69					.1	.2																	3	3		
68/ 67			.1	.4	.3																		8	8		
66/ 65			.1	.6	.5																		12	12		
64/ 63		.1	1.7	.9																			26	26	3	
62/ 61		.4	2.1	.0																			30	30	13	
60/ 59		1.3	2.2	1.4	.4																		50	50	33	6
58/ 57		3.5	2.6	1.6	.2																		75	75	45	36
56/ 55	.5	4.3	3.5	1.5	.2	.1																	96	96	82	53
54/ 53	.6	2.4	2.7	2.1	.1																		76	76	71	77
52/ 51	.9	3.9	2.5	1.6	.4																		89	89	92	75
50/ 49	.9	3.8	3.7	1.8	.1																		98	98	92	88
48/ 47	1.9	3.9	3.3	.5	.3																		94	94	101	64
46/ 45	2.2	4.7	2.4	.3																			92	92	124	79
44/ 43	2.2	3.1	1.6	.2																			67	67	104	112
42/ 41	1.9	2.5	.3																				45	45	65	105
40/ 39	.8	2.1	.7																				35	35	49	77
38/ 37	.6	1.5	.1																				21	21	34	56
36/ 35	1.3	.4																					16	15	23	47
34/ 33	.8	.3																					11	11	12	22
32/ 31		.5																					5	5	5	14
30/ 29																									2	8
28/ 27																										1
TOTAL	14.8	38.7	29.7	13.6	2.8	.3																		950		950
																							950		950	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	6809178	79736	83.9	11.090	950							
Dry Bulb	2468816	47922	50.4	7.062	950		.5	1.2				93
Wet Bulb	2220299	45505	47.9	6.542	950		.7					93
Dew Point	2011411	43247	45.5	6.706	950		2.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AHF (STATION NAME) 60-70 (YEARS) OCT (MONTH)

PAGE 1 1200-1400 (HOURS)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18-19	20-21	22-23	24-25	26-27	28-29	30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77						.1	.4												5	5		
76/ 75						.2													2	2		
74/ 73				.1	.3	.1	.1												6	6		
72/ 71				.2	.5	.2	.4												13	13		
70/ 69				.3	.4	.8	.1												15	15		
68/ 67			.1	1.0	1.6	1.0	.4												38	38	5	
66/ 65			.4	2.0	2.2	.9	.3												53	53	11	
64/ 63			2.0	2.3	1.5	.9													61	61	8	1
62/ 61		.4	2.1	2.8	1.5	.7		.1											70	70	30	13
60/ 59		1.0	1.4	2.9	1.5	.5	.1												69	69	71	12
58/ 57		2.3	3.5	2.8	2.0	.9													103	103	84	47
56/ 55		2.4	3.4	1.8	3.5	.8													109	109	95	61
54/ 53	.1	2.1	3.0	2.2	2.5														94	94	98	80
52/ 51		1.7	2.2	2.3	.8	.1													65	65	102	83
50/ 49	.5	1.8	2.1	2.0	.9														67	67	93	115
48/ 47	1.3	2.6	1.6	.7	.2														59	59	102	99
46/ 45	.7	2.1	.8	1.1															42	42	95	92
44/ 43	.1	1.1	1.3	.1															24	24	53	62
42/ 41	.3	.5	.4																12	12	37	76
40/ 39	.2	.3																	5	5	22	60
38/ 37	.1	.2																	3	3	7	61
36/ 35	.4																		4	4	6	29
34/ 33		.1																	1	1	1	19
32/ 31																						9
30/ 29																						1
TOTAL	4.1	18.7	24.0	24.6	19.5	7.1	2.0	.1												920		920
																			920		920	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5026400	66890	72.7	13.320	920							
Dry Bulb	2984101	51677	56.2	7.476	920			8.0	1.3			93
Wet Bulb	2456378	47214	51.3	6.204	920			.5				93
Dew Point	2080667	43305	47.1	6.702	920		1.0					93

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
60-70 — YEARS
OCT — MONTH

PAGE 1 — 1500-1700 HOURS

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23	24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																									
80/ 79							.1	.6															6	6		
78/ 77						.1	.1	.3															5	5		
76/ 75					.1	.2		.1															4	4		
74/ 73					.3	.3	.3	.2															11	11		
72/ 71					.4	.7	.1	.1															12	12		
70/ 69					.8	.9	.9																23	23		
68/ 67			.1	.6	1.8	.9	.7	.1															37	37	7	
66/ 65			.6	2.0	2.8	1.1	.3																61	61	10	
64/ 63			2.0	2.7	1.5	.7	.4	.1															66	66	16	4
62/ 61		1.1	1.1	2.7	1.6	.3	.2	.1															64	64	30	5
60/ 59		1.1	2.4	3.0	2.1	.8	.3																87	87	74	20
58/ 57		1.7	2.9	2.7	2.2	1.3	.4																95	95	94	51
56/ 55		2.5	3.4	3.1	3.1	1.3																	123	123	93	67
54/ 53	.6	1.7	2.5	1.6	1.6	.3																	73	73	108	75
52/ 51	.1	.5	2.5	3.1	.9																		64	64	78	103
50/ 49		1.2	1.7	1.3	.7	.2																	46	46	98	86
48/ 47	.4	1.1	1.3	1.2	.1																		38	38	91	79
46/ 45	.6	1.5	1.3		.1																		31	31	89	87
44/ 43	.1	.9	1.	.2																			20	20	40	62
42/ 41	.3	1.0	.1																				13	13	36	68
40/ 39	.2	.7	.1																				9	9	17	78
38/ 37		.2																					2	2	7	37
36/ 35																									2	19
34/ 33																										13
32/ 31																										10
30/ 29																										6
TOTAL	2.4	15.6	23.0	23.7	20.2	9.3	4.0	1.7																890		890
																							890		890	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4557757	62513	70.2	13.701	890							
Dry Bulb	2979378	51046	57.4	7.621	890			10.2	2.7	.2		93
Wet Bulb	2433503	46209	51.9	5.213	890			.7				93
Dew Point	2028324	42032	47.2	6.977	890		1.7					93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 61-70 (YEARS) OCT (MONTH)

PAGE 1 1800-2000 (HOURS LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73					.3	.3												2	2		
72/ 71					.3	.3												2	2		
70/ 69				.3	.3													2	2		
68/ 67				.7	.3	.3												4	4		
66/ 65		.3	1.6	1.6	.3	.3												13	13	2	
64/ 63		1.0	2.6	2.0	.3													18	18	5	
62/ 61		.7	2.9	.7	.7	.3												13	13	12	4
60/ 59		3.6	2.	3.3	.3													28	28	18	13
58/ 57	.3	2.9	2.6	2.0	.7													26	26	24	14
56/ 55	.3	3.6	4.6	2.0	.7													34	34	25	30
54/ 53	.3	4.9	3.6	3.3	.7													39	39	40	16
52/ 51	.3	2.3	2.3	1.6														20	20	32	30
50/ 49	.3	2.0	4.2	2.0														26	26	27	39
48/ 47	1.0	2.9	1.6	1.6														22	22	23	30
46/ 45	1.6	3.3	1.3	.7														21	21	30	23
44/ 43		2.3	1.6	.3														13	13	19	29
42/ 41		2.0	1.3															10	10	14	18
40/ 39		1.6	.7															7	7	14	23
38/ 37		.7																2	2	6	14
36/ 35		.3	.3															2	2	3	12
34/ 33	.3																	1	1	3	5
32/ 31		.3																1	1	1	2
30/ 29																					3
28/ 27																					1
TOTAL	4.6	34.6	32.4	21.9	4.9	1.6												306	306		306
																				306	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1989122	24452	79.9	10.743	306							
Dry Bulb	898689	16421	53.7	7.571	306		.3	3.0	.6			93
Wet Bulb	788967	15397	50.3	6.832	306		.3					93
Dew Point	703089	14499	47.4	7.264	306		1.8					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
61-64 — YEARS
NOV — MONTH

PAGE 1 — 0300-0500 HOURS L S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 29	29 30	≥ 31	TOTAL D B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57		1.1																1	1		
56/ 55		1.1																1	1	2	2
54/ 53		1.1	1.1															2	2	1	
52/ 51		1.1	2.2	1.1														4	4		1
50/ 49		5.5	6.6															11	11	3	
48/ 47		2.2	2.2															4	4	8	2
46/ 45	1.1		4.4															5	5	8	7
44/ 43	5.5	4.4	1.1															10	10	9	12
42/ 41		3.3																3	3	8	3
40/ 39	4.4	8.8	4.4															16	16	7	14
38/ 37	2.2	6.6	1.1															9	9	10	7
36/ 35	2.2	3.3																5	5	12	8
34/ 33	1.1	6.6																7	7	6	10
32/ 31	1.1	4.4																5	5	7	9
30/ 29		2.2																2	2	2	5
28/ 27	1.1	2.2																3	3	4	3
26/ 25	1.1	1.1																2	2	3	3
24/ 23																					4
22/ 21	1.1																	1	1	1	
20/ 19																					1
TOTAL	20.9	54.9	23.1	1.1														91	91	91	91

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	> 80 F	< 93 F	Total
Rel. Hum.	695080	7918	87.0	8.251	91							
Dry Bulb	155128	3694	40.6	7.584	91		12.9					90
Wet Bulb	142911	3549	39.0	7.071	91		16.8					90
Dew Point	128687	3359	36.9	7.226	91		24.7					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) NOV (MONTH)

PAGE 1 0600-0800 (HOURS EST)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61				.1														1	1		
58/ 57		.4	.2	.2														7	7		
56/ 55	.1	1.1	1.5	.4														26	26	10	2
54/ 53		.4																3	3	12	7
52/ 51		1.3	1.3	.2														24	24	13	10
50/ 49	.1	2.5	3.3	.2														52	52	17	17
48/ 47	.5	2.1	2.0	.2														41	41	22	22
46/ 45	.7	3.2	1.7	.1														65	65	53	34
44/ 43	1.9	5.1	1.4															71	71	71	66
42/ 41	1.7	4.0	.9															56	56	85	79
40/ 39	2.5	7.0	1.4															92	92	65	89
38/ 37	1.7	7.7	1.1															88	88	89	60
36/ 35	1.9	5.8	.4															68	68	84	100
34/ 33	3.9	5.2																102	102	112	77
32/ 31	2.7	4.2																58	58	75	108
30/ 29	1.7	2.4																34	34	39	65
28/ 27	1.9	.9																24	24	30	47
26/ 25	.8	.6																12	12	14	22
24/ 23	.8																	7	7	10	21
22/ 21	.5	.1																5	5	4	4
20/ 19	.2	.5																6	6	6	4
18/ 17		.1																1	1	2	4
16/ 15																					2
14/ 13																					2
12/ 11																					1
TOTAL	23.6	59.5	15.3	1.5														843	843	843	843

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6665422	74654	88.6	8.027	843							
Dry Bulb	1354469	33171	39.3	7.647	843		15.7					90
Wet Bulb	1257002	32004	38.0	7.062	843		19.2					90
Dew Point	1142898	30468	29.1	7.038	843		29.9					90

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) NOV (MONTH)

PAGE 1 0900-1100 (HOURS L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61					.1													1	1		
60/ 59			.3	.1	.3													7	7		
58/ 57		.3	.7	.4	.1													15	15		
56/ 55		.3	1.	.5	.2													19	19	9	
54/ 53		.2	1.1	.7														19	19	15	8
52/ 51		1.1	3.2	.6														46	46	17	9
50/ 49	.1	1.9	3.1	.4														52	52	30	15
48/ 47	.5	3.0	3.7	.4														72	72	72	26
46/ 45	.5	4.5	3.2	.4														81	81	78	56
44/ 43	1.0	4.5	1.1	.1	.1													63	63	90	72
42/ 41	1.1	6.2	2.5															91	91	79	105
40/ 39	2.0	6.5	2.2															101	101	93	99
38/ 37	1.6	6.9	1.2	.1														92	92	102	81
36/ 35	2.1	6.0	.5															81	81	100	102
34/ 33	3.3	6.5	.4															96	96	109	104
32/ 31	1.5	3.2																44	44	63	108
30/ 29	1.0	2.9																36	36	50	70
28/ 27	.7	.3																10	10	17	44
26/ 25	.1	.4																5	5	3	24
24/ 23		.1																1	1	4	2
22/ 21	.1	.2																3	3	3	3
20/ 19		.1																1	1	1	4
18/ 17																				1	2
16/ 15																					1
14/ 13																					1
TOTAL	15.7	55.2	24.3	4.0	.9														936		936
																		936		936	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6903234	79924	85.4	9.169	936							
Dry Bulb	1629739	38447	41.1	7.349	936		9.6					90
Wet Bulb	1478039	36685	39.2	6.559	936		13.7					90
Dew Point	1310939	34507	36.9	6.441	936		24.9					90

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 STATION | BAD KREUZNACH GERMANY AAF STATION NAME | 59-70 YEARS | NOV MONTH

PAGE 1 | 1200-1400 HOURS L. S. T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65				.1	.1													2	2		
64/ 63			.1		.1													2	2		
62/ 61				.2	.7	.1												9	9		
60/ 59			.1	.9	1.0													18	18	2	
58/ 57		.2	.6	.9	.3													18	18	2	
56/ 55		.4	1.8	1.0	1.1													39	39	13	1
54/ 53		.6	1.4	1.3	.4													34	34	22	8
52/ 51		1.7	3.[illegible]	2.4		.1												65	65	39	9
50/ 49	.3	2.1	3.1	2.1	.7													75	75	50	34
48/ 47	.3	3.5	3.9	1.3	.2	.1												64	64	30	49
46/ 45	.1	4.1	3.6	1.1	.3													83	83	90	63
44/ 43	.8	3.6	4.5	.4														83	83	103	76
42/ 41	.7	3.9	3.8	.8														82	82	78	95
40/ 39	.8	5.2	2.3	.2														77	77	99	92
38/ 37	.7	5.8	1.7	.1														74	74	93	96
36/ 35	.8	5.2	1.2															65	65	87	81
34/ 33	.8	4.5	.1															48	48	69	112
32/ 31	1.0	2.0	.2															29	29	43	82
30/ 29		.9	.1															9	9	17	45
28/ 27		.2																2	2	8	32
26/ 25																				3	15
24/ 23																					5
22/ 21																					3
20/ 19																					2
TOTAL	6.2	43.9	81.5	13.0	5.0	.3												898	898	898	898

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Rel. Hum.	5824891	71659	79.8	10.902	898							
Dry Bulb	1604867	39705	44.2	7.415	898		4.0					90
Wet Bulb	1574603	37157	41.4	6.435	898		7.1					90
Dew Point	1342208	34226	38.1	6.486	898		18.4					90

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) NOV (MONTH)

PAGE 1 1500-1700 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65					.1													1	1		
64/ 63			.1	.2														3	3		
62/ 61				.1	.2													3	3		
60/ 59			.4	.7	.7	.4												18	18	2	
58/ 57			.1	1.3	.6	.2												19	19	3	
56/ 55		.9	1.3	1.1	.5													31	31	7	3
54/ 53		1.0	1.5	2.4	.5													44	44	19	8
52/ 51		1.5	3.5	1.2														51	51	36	9
50/ 49	.5	1.3	2.8	2.1	.2													61	61	55	22
48/ 47	.1	3.6	4.7	2.2	.5													92	92	65	41
46/ 45	.5	5.0	3.3	.6	.2													79	79	80	47
44/ 43	.6	4.4	2.4	.9														68	68	92	89
42/ 41	.6	5.1	3.[illegible]	.9	.2													79	79	91	94
40/ 39	1.1	5.1	2.9	.6														80	80	79	100
38/ 37	.6	6.3	2.1	.1														75	75	80	73
36/ 35	.9	3.9	1.[illegible]	.1														48	48	89	92
34/ 33	1.8	2.7	.1															38	38	57	89
32/ 31	.9	1.0	.1															16	16	32	60
30/ 29		1.5	.1															13	13	15	33
28/ 27		.5																4	4	9	34
26/ 25																				2	20
24/ 23																					5
22/ 21																					4
TOTAL	7.5	44.1	29.5	14.3	3.9	.6													823		823
																		823		823	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5357274	65740	79.9	11.359	823							
Dry Bulb	1658547	36457	44.3	7.282	823		5.6					90
Wet Bulb	1449855	34149	41.5	6.326	823		6.3					90
Dew Point	1234683	31437	38.2	6.417	823		17.1					90

USAFETAC FORM 0-26-5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
61-66,68-69 — YEARS
NOV — MONTH

PAGE 1 — 1800-2000 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 - 28	29 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61			.4															1	1		
60/ 59			.4		.4													2	2		
58/ 57		.9		.4	.9													5	5	2	
56/ 55		.4	.4	.4														3	3	2	1
54/ 53		.4																1	1	1	2
52/ 51			4.[illegible]	.4	.4													11	11	6	2
50/ 49	.4	1.8	4.[illegible]	.4														15	15	5	2
48/ 47	.9	4.9	2.7															19	19	15	6
46/ 45		3.6	1.3	.4														12	12	22	16
44/ 43	1.3	8.1																21	21	18	20
42/ 41	1.8	4.9	1.3															18	18	24	25
40/ 39	1.3	8.1	3.6	.4														30	30	16	21
38/ 37	.4	8.1	1.3															23	23	25	15
36/ 35	.4	7.6	1.3	.4														22	22	30	22
34/ 33	1.3	5.8	.9															18	18	23	25
32/ 31	1.8	1.8																8	8	16	25
30/ 29		4.9																11	11	6	17
28/ 27		1.3																3	3	9	8
26/ 25																				3	9
24/ 23																					4
22/ 21																					3
TOTAL	9.9	62.8	22.4	3.1	1.6														223		223
																		223		223	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	1608501	18825	84.4	9.336	223
Dry Bulb	390221	9191	41.2	7.170	223
Wet Bulb	352952	8750	39.2	6.584	223
Dew Point	310937	8187	36.7	6.834	223

Mean No. of Hours with Temperature

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		8.9					90
Wet Bulb		13.7					90
Dew Point		26.6					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 66 (YEARS) DEC (MONTH)

PAGE 1 0000-0200 (HOURS L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	17-18	19-20	21-22	23-24	25	26	27	28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29	.0																					1	1	1	1
TOTAL	.0																					1	1	1	1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	10000	100	100.0		1							
Dry Bulb	841	29	29.0		1		93.0					93
Wet Bulb	841	29	29.0		1		93.0					93
Dew Point	841	29	29.0		1		92.0					93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
61-64 — YEARS
DEC — MONTH

PAGE 1 — 0300-0500 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59				1.2														1	1		
58/ 57			1.2															1	1		
56/ 55		1.2	1.2															2	2	1	1
54/ 53																				2	
52/ 51		2.4	1.2															3	3	1	1
50/ 49			1.2															1	1	2	1
48/ 47																				1	3
46/ 45		2.4																2	2	1	1
44/ 43		2.4																2	2	2	
42/ 41																				2	3
40/ 39	1.2	1.2	2.4															4	4	1	3
38/ 37	1.2	8.3	1.2	1.2														10	10	5	1
35/ 35	2.4	2.4	1.2															5	5	5	3
34/ 33	1.2	10.7	1.2															11	11	5	9
32/ 31	2.4	4.8																6	6	10	12
30/ 29	2.4	7.1																8	8	8	5
28/ 27	2.4	3.6																5	5	5	8
26/ 25	1.2	2.4																3	3	3	7
24/ 23	1.2	3.6																4	4	4	4
22/ 21																				2	2
20/ 19	2.4	2.4																4	4	2	3
18/ 17	1.2	4.8																5	5	5	
16/ 15	1.2	1.2																2	2	4	3
14/ 13																					2
12/ 11	1.2	3.6																4	4	4	5
10/ 9	1.2																	1	1	1	
8/ 7																					3
6/ 5																					2
TOTAL	22.6	64.3	10.7	2.4														84	84		84
																				84	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	626434	7222	86.0	8.151	84
Dry Bulb	95375	2677	31.9	11.010	84
Wet Bulb	87274	2566	30.5	10.349	84
Dew Point	75958	2356	28.0	10.909	84

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		46.5					93
Wet Bulb		53.1					93
Dew Point		64.2					93

USAFETAC FORM AR 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 (STATION) BAD KREUZNACH GERMANY AAF (STATION NAME) 59-70 (YEARS) DEC (MONTH)

PAGE 1 0600-0800 (HOURS L.S.T.)

Temp °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21	22	23-24	25-26	27	28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57		.2	.2	.1																		5	5		
56/ 55	.1	.4	.9																			11	11	3	
54/ 53			.1	.1																		2	2	7	5
52/ 51		.2	.5																			6	6	6	3
50/ 49	.1	.6	.2																			8	8	9	6
48/ 47		.9	.7																			13	13	6	9
46/ 45		2.6	.9	.5																		32	32	11	8
44/ 43	.2	2.2	.6																			25	25	28	13
42/ 41		2.2	.9																			25	25	28	19
40/ 39	.5	4.7	2.3																			61	61	36	34
38/ 37	1.1	5.2	1.1																			60	60	60	38
36/ 35	2.0	6.8	.7																			77	77	88	63
34/ 33	3.6	9.1	.1																			104	104	105	93
32/ 31	4.6	4.0	.4																			72	72	86	118
30/ 29	3.2	6.7	.2																			82	82	69	71
28/ 27	3.3	2.8																				50	50	78	66
26/ 25	1.5	2.7																				34	34	32	44
24/ 23	1.9	2.3																				36	34	40	53
22/ 21	1.7	1.0																				22	22	27	33
20/ 19	1.2	1.2																				20	20	20	33
18/ 17	.9	1.5																				19	19	17	21
16/ 15	1.1	.9																				16	16	18	12
14/ 13	.9	1.0																				15	15	16	20
12/ 11	.9	.1																				8	8	10	12
10/ 9	.6	.1																				6	6	7	13
8/ 7	.2																					2	2	2	8
6/ 5																									11
4/ 3																									3
TOTAL	29.7	89.6	10.0	.7																		809	809	809	809

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	6223955	70665	87.3	7.981	809							
Dry Bulb	923551	26317	32.5	9.137	809		43.7					93
Wet Bulb	855932	25372	31.4	8.589	809		48.5					93
Dew Point	752214	23546	29.1	9.100	809		59.5					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
59-70 — YEARS
DEC — MONTH

PAGE 1 — 0900-1100 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21	22	23-24	25	26-27	28	29	30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59				.2	.1																		3	3		
58/ 57		.2	.5	.1																			8	8		
56/ 55			.4																				4	4	5	
54/ 53			.3	.2																			5	5	8	5
52/ 51		.3	.7	.1	.1																		12	12	6	3
50/ 49			.4	.1																			5	5	5	8
48/ 47		.5	1.7																				21	21	11	8
46/ 45		1.9	2.1	.6																			44	44	21	4
44/ 43		2.1	2.7																				46	46	28	19
42/ 41		2.1	2.2																				41	41	48	24
40/ 39	.5	4.5	1.5																				65	65	58	38
38/ 37	1.3	7.2	1.[illegible]																				91	91	79	62
36/ 35	1.9	7.9	1.[illegible]																				104	104	104	96
34/ 33	3.7	7.2	1.1																				115	115	126	114
32/ 31	2.7	5.5	.3																				82	82	105	122
30/ 29	2.2	4.5	.7																				71	71	83	99
28/ 27	1.5	3.0	.1																				46	46	60	65
26/ 25	1.9	4.5	.4																				65	65	56	46
24/ 23	1.6	1.7																					31	31	50	67
22/ 21	1.9	.7																					25	25	29	40
20/ 19	1.0	.9																					19	21	18	42
18/ 17	.7	1.5																					21	21	18	23
16/ 15	.5	.8																					14	14	16	15
14/ 13	.5	.3																					8	8	12	18
12/ 11	.4	.3																					7	7	8	11
10/ 9	.2	.1																					3	3	4	12
8/ 7	.2																						2	2	2	7
6/ 5																										8
4/ 3																										3
2/ 1																										1
TOTAL	23.0	57.6	17.6	1.4	.2																	958		960	958	958

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7025556	81602	85.2	8.837	958							
Dry Bulb	1161941	32303	33.6	8.842	960		38.4					93
Wet Bulb	1056915	30851	32.2	8.140	958		44.8					93
Dew Point	908700	28336	29.6	6.587	958		56.2					93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
59-70 — YEARS
DEC — MONTH

PAGE 1 — 1200-1400 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18-19	20	21-22	23	24-25	26-27	28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61					.1															1	1		
60/ 59				.3	.2															5	5		
58/ 57		.5	.3	.2																10	10		
56/ 55			.3		.1															4	4	5	
54/ 53		.1	.2	.2																5	5	9	5
52/ 51		.3	.5	.2																10	10	6	1
50/ 49		.2	1.6	.1																18	18	8	7
48/ 47		1.0	2.3	.4																34	34	11	12
46/ 45		1.3	4.4	.7																58	58	28	10
44/ 43		1.7	4.2	.3																58	58	34	12
42/ 41		1.7	3.3	.5																51	51	72	32
40/ 39	.7	5.0	3.3	.4																86	86	71	49
38/ 37	.2	8.5	1.1	.3																93	93	87	73
36/ 35	.8	7.4	2.7	.1																101	101	116	90
34/ 33	2.3	6.3	2.2	.2																103	103	103	123
32/ 31	1.7	5.8	2.1																	88	88	106	108
30/ 29	.8	4.0	1.																	53	53	71	85
28/ 27	1.0	3.3																		39	39	62	64
26/ 25	.7	2.6	.2																	32	32	42	53
24/ 23	.5	2.0	.3																	26	26	29	60
22/ 21		1.3	.2																	14	14	18	36
20/ 19	.1	.9	.2																	11	11	12	34
18/ 17	.4	1.0																		13	13	17	14
16/ 15	.1	.2																		3	3	7	14
14/ 13	.2																			2	2	4	11
12/ 11	.1																			1	1	1	5
10/ 9																							9
8/ 7																							3
6/ 5																							4
4/ 3																							1
TOTAL	9.6	55.4	40.5	4.1	.4															919	919	919	919

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum	6097956	74298	80.8	9.968	919
Dry Bulb	1267775	33311	36.2	8.108	919
Wet Bulb	1122171	31375	34.1	7.455	919
Dew Point	930128	28268	30.8	8.126	919

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	93 F	Total
Dry Bulb		28.5					93
Wet Bulb		37.3					93
Dew Point		50.9					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — STATION
BAD KREUZNACH GERMANY AAF — STATION NAME
59-70 — YEARS
DEC — MONTH

PAGE 1 — 1500-1700 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B	TOTAL W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59			.4		.1													4	4			
58/ 57			.4	.1	.4													7	7			
56/ 55			.6	.1	.2													8	8	5		
54/ 53		.1	.2	.1	.1													5	5	4	5	
52/ 51		.5		.4														7	7	7	2	
50/ 49		.5	.9															11	11	8	8	
48/ 47	.1	1.1	1.5	.1														23	23	15	4	
46/ 45		2.1	3.7	.5														51	51	15	14	
44/ 43		2.5	3.3	.5														51	51	35	17	
42/ 41	.1	3.0	3.9	.4														60	60	68	27	
40/ 39	.4	4.4	3.6	.1														71	71	57	43	
38/ 37	.4	7.5	1.7	.1														79	79	66	59	
36/ 35	1.4	6.4	2.0	.5	.1													91	91	104	70	
34/ 33	3.1	6.0	1.6	.1														88	88	102	101	
32/ 31	2.2	5.8	1.2															75	75	98	111	
30/ 29	.5	3.7	1.6															47	47	53	68	
28/ 27	.9	4.2	.4															44	44	63	71	
26/ 25	.6	3.1	.1															31	31	38	40	
24/ 23	.4	1.4	.6															19	19	27	47	
22/ 21	.1	2.1																18	18	7	38	
20/ 19	.7	.6	.2															13	13	27	33	
18/ 17		.9																7	7	3	13	
16/ 15	.1																	1	1	9	9	
14/ 13																					13	
12/ 11																					6	
10/ 9																					5	
8/ 7																					3	
6/ 5																					2	
4/ 3																					2	
TOTAL	11.0	55.9	29.1	3.1	1.0														811		811	
																		811		811		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5443604	65914	81.3	10.331	811							
Dry Bulb	1110889	29323	36.2	7.909	811		29.2					93
Wet Bulb	987247	27669	34.1	7.308	811		37.3					93
Dew Point	822376	24974	30.8	8.114	811		52.9					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 — BAD KREUZNACH GERMANY AAF — 61-66,68-69 — DEC

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 1800-2000 HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21	22-23	24-25	26	27-28	29	30	≥31	TOTAL DB W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59			.5																		1	1		
58/ 57					.5																1	1	1	
56/ 55		.5	1.9	.5	.5																7	7		
54/ 53					.5																1	1	3	1
52/ 51																							3	1
50/ 49		.5	1.9																		5	5	2	4
48/ 47		1.9	.5																		5	5	3	1
46/ 45		1.9	1.4																		7	7	8	3
44/ 43		3.8	1.9																		12	12	7	7
42/ 41	.5	3.3	5.2	.5																	20	20	11	8
40/ 39		2.3	3.3																		12	12	15	10
38/ 37	.5	9.4	3.3																		28	28	22	8
36/ 35	.5	5.2																			12	12	23	19
34/ 33	2.8	6.1	.5																		20	20	24	30
32/ 31	3.3	11.3	.5																		32	32	22	28
30/ 29	2.3	4.2																			14	14	21	27
28/ 27	1.4	3.3	1.4																		13	13	14	19
26/ 25	.5	3.3																			8	8	8	12
24/ 23	1.9	1.4																			7	7	14	6
22/ 21		1.4																			3	3	3	8
20/ 19	1.4	.5																			4	4	6	8
18/ 17																								8
16/ 15	.5																				1	1	1	2
14/ 13																								3
TOTAL	15.5	60.1	22.1	.9	1.4																213	213	213	213

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1524633	17923	84.1	8.820	213							
Dry Bulb	287955	7635	35.8	8.207	213		35.8					93
Wet Bulb	259659	7267	34.1	7.438	213		38.9					93
Dew Point	222249	6683	31.4	7.699	213		52.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

34070 STATION | BAD KREUZNACH GERMANY AAF STATION NAME | 66 YEARS | DEC MONTH

PAGE 1 | 2100-2300 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17	18	19-20	21	22	23	24	5	26	27	28	29	30	≥31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
32/ 31	50.0	50.0																							2	2	2	1
30/ 29																												1
TOTAL	50.0	50.0																							2	2	2	2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17921	189	94.5		2							
Dry Bulb	1985	63	31.5		2		93.0					93
Wet Bulb	1922	62	31.0		2		93.0					93
Dew Point	1802	60	30.0		2		93.0					93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34070 BAD KREUZNACH GER A Y AAF 59-70

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN			42,7				65,3		52,0			29,0	50,6
	S D													13,700
	TOTAL OBS			3				3		1			1	8
03-05	MEAN	29,9	29,6	33,2	44,4	47,2	52,7	55,2	55,7	51,3	44,0	40,6	31,9	44,4
	S D	10,599	10,371	8,900	5,990	6,574	6,200	5,718	5,437	7,648	7,290	7,584	11,010	12,066
	TOTAL OBS	99	93	78	130	128	128	126	132	117	100	91	84	1306
06-08	MEAN	31,0	32,3	36,5	44,2	51,1	58,0	59,4	57,8	52,0	46,2	39,3	32,5	45,6
	S D	9,552	9,995	7,936	6,629	6,085	5,741	5,419	5,337	6,642	7,801	7,647	9,137	12,508
	TOTAL OBS	800	759	949	929	944	945	929	956	883	916	843	809	10662
09-11	MEAN	32,1	34,8	40,7	50,7	58,7	65,6	67,3	65,6	59,4	50,4	41,1	33,6	50,2
	S D	9,045	8,886	7,42[illegible]	7,363	6,583	6,887	6,762	5,912	6,099	7,362	7,349	8,842	14,680
	TOTAL OBS	901	831	966	951	957	962	944	966	898	950	936	960	11222
12-14	MEAN	34,9	38,6	45,5	55,7	63,5	70,0	72,2	71,2	65,8	56,2	44,2	36,2	54,8
	S D	8,236	7,737	7,610	8,817	7,665	8,007	8,220	7,220	6,408	7,476	7,415	8,108	15,548
	TOTAL OBS	864	798	93[illegible]	924	936	942	914	939	873	920	898	919	10857
15-17	MEAN	35,1	39,5	47,1	56,9	64,9	70,9	73,5	72,2	67,2	57,4	44,3	36,2	56,0
	S D	8,135	7,643	7,870	9,329	8,107	8,329	8,840	7,714	6,957	7,621	7,282	7,909	15,894
	TOTAL OBS	795	739	890	888	903	895	862	890	845	890	823	811	10231
18-20	MEAN	34,2	36,1	44,[illegible]	54,7	63,5	69,8	71,3	70,4	64,1	53,7	41,2	35,8	56,0
	S D	8,044	7,543	6,885	7,867	7,832	8,164	8,686	7,573	6,668	7,571	7,170	8,207	15,180
	TOTAL OBS	174	159	279	338	327	324	322	325	31[illegible]	306	223	213	3314
21-23	MEAN				50,6			69,0		55,3			31,5	51,9
	S D				5,480					2,872				9,340
	TOTAL OBS				19			3		4			2	28
ALL HOURS	MEAN	33,2	36,1	42,3	51,8	59,4	65,9	67,9	66,5	61,0	52,4	42,1	34,7	51,7
	S D	8,961	9,120	8,757	9,396	9,134	9,135	9,409	8,833	8,866	8,778	7,681	8,702	15,266
	TOTAL OBS	3633	3379	4093	4179	4205	4196	4103	4208	3935	4082	3914	3799	47028

USAFETAC FORM JUL 64 0 89 5 (OL-1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34070 BAD KREUZNACH GERMANY AAF 59-70

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN			42,3				60,7		31,0			29,0	47,9
	S D													12,147
	TOTAL OBS			3				3		1			1	8
03-05	MEAN	28,8	28,4	31,9	42,5	45,3	50,8	53,2	53,8	49,9	43,0	39,0	30,5	42,8
	S D	10,161	9,906	8,678	5,709	6,254	5,999	5,161	5,013	7,261	7,033	7,071	10,349	11,611
	TOTAL OBS	98	93	78	130	129	128	126	132	117	100	91	84	1305
06-08	MEAN	29,9	31,1	34,7	41,8	48,1	54,5	56,0	55,5	50,5	44,9	38,0	31,4	43,5
	S D	9,202	9,481	7,465	6,194	5,486	5,137	4,868	4,902	6,115	7,362	7,062	8,389	11,656
	TOTAL OBS	798	758	949	929	944	945	929	956	883	916	843	809	10659
09-11	MEAN	30,8	33,0	37,7	45,8	52,3	58,2	59,6	59,2	53,0	47,9	39,2	32,2	46,1
	S D	8,389	8,414	6,751	6,200	5,300	5,322	5,098	4,592	4,972	6,542	6,559	8,140	12,366
	TOTAL OBS	900	831	966	951	957	962	944	966	898	950	936	958	11219
12-14	MEAN	32,9	35,7	40,8	48,4	54,3	59,7	61,3	61,2	58,1	51,3	41,4	34,1	48,5
	S D	7,806	7,139	6,478	6,473	5,642	5,499	5,502	4,881	4,901	6,204	6,435	7,455	12,115
	TOTAL OBS	864	798	930	924	936	942	914	939	873	920	898	919	10857
15-17	MEAN	33,1	36,4	41,6	48,8	54,7	59,9	61,8	61,4	58,5	51,9	41,5	34,1	49,1
	S D	7,680	6,913	6,511	6,492	5,680	5,324	5,505	4,546	5,029	6,213	6,326	7,308	12,037
	TOTAL OBS	795	739	890	888	903	895	862	890	845	890	823	811	10231
18-20	MEAN	32,6	35,7	39,8	47,6	54,2	59,8	61,1	60,7	57,7	50,3	39,2	34,1	49,7
	S D	7,727	6,932	6,084	5,539	5,632	5,183	5,529	4,873	5,008	6,832	6,584	7,438	11,748
	TOTAL OBS	174	159	279	338	337	324	322	325	314	306	223	213	3314
21-23	MEAN				44,9			64,0		53,5			31,0	47,2
	S D				4,790					2,380				8,732
	TOTAL OBS				19			3		4			2	28
ALL HOURS	MEAN	31,6	33,8	38,6	46,2	52,3	58,0	59,6	59,2	55,5	48,9	39,9	33,0	46,9
	S D	8,476	8,363	7,345	6,808	6,234	5,872	5,814	5,416	6,232	7,209	6,760	8,012	12,234
	TOTAL OBS	3629	3378	4095	4179	4205	4196	4102	4208	3935	4082	3814	3797	47621

USAFETAC FORM JUL 64 0 89-5 (OL-1)

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/ AC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

34070 BAD KREUZNACH GERMANY AAF 59-70

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN			37,[illegible]				57,3		50,0			29,0	45,3
	S D													11,585
	TOTAL OBS			3				3		1			1	8
03-05	MEAN	25,9	25,6	29,3	40,3	43,3	49,3	51,5	52,3	48,8	41,8	36,9	28,0	40,8
	S D	11,348	10,903	9,657	5,979	6,511	6,305	5,305	5,064	7,358	7,206	7,226	10,909	12,276
	TOTAL OBS	98	93	78	130	128	128	126	132	117	100	91	84	1305
06-08	MEAN	27,5	28,4	32,0	39,1	45,2	51,8	53,4	53,5	49,2	43,7	36,1	29,1	41,3
	S D	10,346	10,306	7,985	6,63[illegible]	5,806	5,618	5,272	5,055	6,096	7,425	7,038	9,100	11,999
	TOTAL OBS	798	758	949	929	944	945	929	936	883	916	843	809	10659
09-11	MEAN	28,0	29,8	33,5	40,6	46,7	52,9	54,4	54,8	51,7	45,5	36,9	29,6	42,2
	S D	9,373	9,414	7,606	7,029	6,324	6,237	5,939	5,183	5,364	6,706	6,441	8,587	12,139
	TOTAL OBS	900	831	966	951	957	962	944	966	898	950	936	958	11219
12-14	MEAN	29,3	31,2	34,6	41,1	46,6	52,5	54,1	54,6	52,5	47,1	38,1	30,8	42,9
	S D	9,134	8,514	7,714	7,258	7,104	6,560	6,402	5,709	5,812	6,782	6,486	8,126	11,714
	TOTAL OBS	864	798	93[illegible]	924	936	942	914	939	873	920	898	919	10857
15-17	MEAN	29,5	31,7	34,8	40,7	46,2	52,2	54,1	54,1	52,3	47,2	38,2	30,8	43,0
	S D	8,978	8,192	7,908	7,484	7,191	6,432	6,383	5,788	5,911	6,977	6,417	8,114	11,533
	TOTAL OBS	795	739	890	888	903	895	862	890	845	890	823	811	10231
18-20	MEAN	29,8	29,7	34,3	40,4	46,3	52,9	54,4	54,3	53,0	47,4	36,7	31,4	44,4
	S D	9,009	8,020	7,402	6,505	7,157	5,988	6,259	5,647	5,465	7,264	6,834	7,699	11,302
	TOTAL OBS	174	159	279	338	337	324	322	325	314	306	223	213	3314
21-23	MEAN				36,8			61,0		52,0			30,0	42,4
	S D				6,033					1,826				9,871
	TOTAL OBS				15			3		4			2	28
ALL HOURS	MEAN	28,6	30,1	33,7	40,3	46,1	52,3	54,0	54,2	51,5	45,9	37,3	30,1	42,4
	S D	9,614	9,257	7,902	7,046	6,700	6,242	6,022	5,470	5,988	7,171	6,673	8,533	11,859
	TOTAL OBS	3629	3378	4095	4179	4205	4196	4102	4208	3935	4082	3814	3797	47621

USAFETAC FORM JUL 64 0-89-5 (OL-1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

1

RELATIVE HUMIDITY

34070 BAD KREUZNACH GERMANY AAF 59-70 ALL

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60	70	80	90		
JAN	ALL	100.0	100.0	100.0	100.0	99.8	97.3	88.6	66.5	29.1	83.6	3629
FEB		100.0	100.0	100.0	99.8	98.1	92.4	81.4	56.2	20.3	80.2	3378
MAR		100.0	100.0	99.9	98.6	93.8	84.4	68.2	42.9	11.4	73.1	4095
APR		100.0	100.0	99.0	94.9	82.5	65.7	51.1	28.3	7.6	68.5	4179
MAY		100.0	100.0	98.9	91.1	76.7	59.4	43.1	26.5	9.7	66.1	4205
JUN		100.0	100.0	99.2	91.7	75.9	59.9	43.9	29.4	9.4	66.7	4196
JUL		100.0	100.0	99.1	94.0	81.8	68.4	57.6	21.4	6.9	68.5	4103
AUG		100.0	100.0	99.6	94.5	80.8	63.1	48.2	34.5	13.1	69.0	4208
SEP		100.0	100.0	100.0	99.3	94.3	82.6	69.6	53.4	35.3	78.8	3935
OCT		100.0	100.0	100.0	99.9	98.1	91.3	78.4	57.0	32.0	81.6	4082
NOV		100.0	100.0	100.0	100.0	99.8	97.5	89.7	66.8	30.2	84.2	3814
DEC		100.0	100.0	100.0	100.0	99.9	99.0	93.1	76.5	39.7	87.4	3797
TOTALS		100.0	100.0	99.6	97.0	90.1	80.1	67.7	46.6	20.4	75.8	47621

USAFETAC FORM JUL 64 0-87-5 (OL I)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34070 BAD KREUZNACH GERMANY AAF 60-70 JAN

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
JAN	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	94.9	72.4	29.6	84.9	98
	06-08	100.0	100.0	100.0	100.0	100.0	99.4	94.6	78.2	40.6	86.8	798
	09-11	100.0	100.0	100.0	100.0	99.8	98.2	92.3	69.3	31.1	84.8	900
	12-14	100.0	100.0	100.0	100.0	99.5	95.0	80.4	52.9	20.9	80.3	864
	15-17	100.0	100.0	100.0	100.0	99.6	94.7	79.2	54.5	21.4	80.5	795
	18-20	100.0	100.0	100.0	100.0	100.0	97.7	90.2	71.8	31.0	84.3	174
	21-23											
TOTALS		100.0	100.0	100.0	100.0	99.8	97.3	88.6	66.5	29.1	83.6	3629

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34070 BAD KREUZNACH GERMANY AAF 60-70 FEB

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60	70	80	90		
FEB	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	95.7	73.1	26.9	85.1	93
	06-08	100.0	100.0	100.0	100.0	100.0	99.2	93.5	74.0	35.1	85.7	758
	09-11	100.0	100.0	100.0	100.0	99.6	96.4	87.2	63.8	23.1	82.3	831
	12-14	100.0	100.0	100.0	99.4	96.7	85.5	68.5	38.8	12.2	75.5	798
	15-17	100.0	100.0	100.0	99.1	94.3	82.8	66.8	35.5	10.7	74.5	739
	18-20	100.0	100.0	100.0	100.0	98.1	91.8	76.7	52.2	13.8	78.3	159
	21-23											
TOTALS		100.0	100.0	100.0	99.8	98.1	92.4	81.4	56.2	20.3	80.2	3378

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34070 BAS KREUZNACH GERMANY AAF 60-70 MAR

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60	70	80	90		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	66.7		80.0	3
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	94.9	75.6	32.1	85.7	78
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	92.8	68.4	20.2	84.2	949
	09-11	100.0	100.0	100.0	100.0	99.2	91.3	70.0	35.9	9.1	76.1	966
	12-14	100.0	100.0	99.9	97.5	87.3	66.0	37.4	14.8	4.4	66.4	930
	15-17	100.0	100.0	99.3	93.9	80.9	59.0	31.8	14.3	2.5	63.8	890
	18-20	100.0	100.0	100.0	98.6	89.2	74.9	50.5	24.4	5.4	69.8	279
	21-23											
TOTALS		100.0	100.0	99.9	98.6	93.8	84.4	68.2	42.9	11.4	75.1	4095

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34070 BAD KREUZNACH GERMANY AAF 60-70 APR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
APR	00-02											
	03-05	100,0	100,0	100,0	100,0	100,0	100,0	97,7	80,0	26,2	85,8	130
	06-08	100,0	100,0	100,0	100,0	99,9	98,4	89,5	58,9	18,8	82,3	929
	09-11	100,0	100,0	100,0	99,4	92,0	74,3	46,6	18,5	3,8	69,4	951
	12-14	100,0	100,0	98,7	92,1	68,5	46,3	25,6	9,6	1,1	59,8	924
	15-17	100,0	100,0	95,6	83,2	59,2	41,1	25,2	8,3	,9	57,0	888
	18-20	100,0	100,0	98,2	89,9	68,6	47,3	30,8	12,4	2,1	60,7	338
	21-23	100,0	100,0	100,0	100,0	89,5	52,6	42,1	10,5		64,8	19
TOTALS		100,0	100,0	99,0	94,9	82,5	65,7	51,1	28,3	7,6	68,5	4179

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34070 BAD AREZNACH GERMANY AAF 60-70 MAY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60	70	80	90		
MAY	00-02											
	03-05	100,0	100,0	100,0	100,0	100,0	99,2	94,5	80,5	33,9	86,7	128
	06-08	100,0	100,0	100,0	100,0	99,9	98,1	86,4	51,3	17,7	80,9	944
	09-11	100,0	100,0	100,0	96,4	88,4	63,6	33,5	14,9	2,4	65,5	957
	12-14	100,0	99,9	98,5	86,5	60,5	34,9	16,5	5,3	,9	55,8	936
	15-17	100,0	100,0	97,3	77,3	50,7	25,0	12,4	5,5	,6	52,5	903
	18-20	100,0	100,0	97,6	84,3	60,5	35,2	15,1	4,7	,6	55,4	337
	21-23											
TOTALS		100,0	100,0	98,9	91,1	70,7	39,4	43,1	26,5	9,7	66,1	4205

USAFETAC FORM JUL 54 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34070 BAD KREUZNACH GERMANY AAF 60-70 JUN

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50	60	70	80	90		
JUN	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.7	86.7	34.4	88.3	128
	06-08	100.0	100.0	100.0	99.9	99.7	96.4	82.9	53.2	16.4	80.5	945
	09-11	100.0	100.0	100.0	98.5	85.7	61.7	31.5	12.9	2.1	64.9	962
	12-14	100.0	100.0	98.8	85.9	58.8	32.8	15.9	6.3	.8	55.6	942
	15-17	100.0	100.0	97.6	79.1	50.4	30.3	15.6	7.3	1.5	53.8	895
	18-20	100.0	100.0	98.8	86.7	60.5	38.3	19.8	9.9	1.2	57.2	324
	21-23											
TOTALS		100.0	100.0	99.2	91.7	75.9	59.9	43.9	29.4	9.4	66.7	4196

USAFETAC FORM 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34070 BAD KREUZNACH GERMANY AAF 60-70 JUL

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80	90		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0			75.3	3
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	97.6	81.0	34.9	87.6	126
	06-08	100.0	100.0	100.0	100.0	99.8	97.0	86.0	54.8	14.5	81.0	929
	09-11	100.0	100.0	99.8	97.5	87.6	59.6	29.9	12.0	1.9	64.4	944
	12-14	100.0	100.0	97.8	88.0	55.5	27.7	13.0	6.2	1.6	54.6	914
	15-17	100.0	100.0	97.0	79.5	47.6	26.1	13.1	6.4	1.2	52.6	862
	18-20	100.0	100.0	98.1	87.0	63.4	37.3	20.8	10.6	1.9	57.3	322
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0			75.3	3
TOTALS		100.0	100.0	99.1	94.0	81.8	66.4	57.6	21.4	6.9	68.5	4103

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34070 BAD KREUZNACH GERMANY AAF 60-70 AUG

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
AUG	00-02											
	03-05	100,0	100,0	100,0	100,0	100,0	100,0	97,0	88,6	40,2	88,7	132
	06-08	100,0	100,0	100,0	100,0	100,0	100,0	95,1	75,3	31,3	85,9	956
	09-11	100,0	100,0	100,0	99,5	94,2	74,4	44,6	19,0	3,2	69,1	966
	12-14	100,0	100,0	99,4	91,6	66,5	35,0	16,8	7,3	,5	57,3	939
	15-17	100,0	100,0	98,7	84,8	57,1	29,7	13,8	7,3	1,7	54,8	890
	18-20	100,0	100,0	99,4	91,1	67,1	39,4	21,5	9,5	1,8	58,4	325
	21-23											
TOTALS		100,0	100,0	99,6	94,5	80,8	63,1	48,2	34,5	13,1	69,0	4208

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34070 BAD KREUZNACH GERMANY AAF — STATION / STATION NAME

60-70 — PERIOD

SEP — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70	80	90		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.0	1
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.1	90.6	59.0	91.3	117
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	98.5	87.0	56.1	90.2	883
	09-11	100.0	100.0	100.0	100.0	98.6	91.4	68.9	38.0	11.0	76.5	898
	12-14	100.0	100.0	100.0	98.6	86.7	55.6	26.7	11.1	1.9	63.4	873
	15-17	100.0	100.0	100.0	96.3	76.3	43.6	21.2	7.7	2.4	60.2	845
	18-20	100.0	100.0	100.0	99.4	92.4	72.3	42.0	17.8	1.9	68.4	314
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0	50.0	88.5	4
TOTALS		100.0	100.0	100.0	99.3	94.3	82.6	69.6	53.4	35.3	78.8	3935

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34070 BAD NAUHEIM GERMANY AAF 60-70 OCT

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50	60	70	80	90		
OCT	00-02											
	03-05	100,0	100,0	100,0	100,0	100,0	100,0	100,0	90,0	66,0	91,8	100
	06-08	100,0	100,0	100,0	100,0	100,0	100,0	99,5	88,2	61,0	91,2	916
	09-11	100,0	100,0	100,0	100,0	99,9	98,1	87,6	60,9	32,9	83,9	930
	12-14	100,0	100,0	100,0	99,9	96,0	79,2	54,1	29,3	9,5	72,7	920
	15-17	100,0	100,0	100,0	99,3	92,7	73,8	47,9	24,9	6,7	70,2	890
	18-20	100,0	100,0	100,0	100,0	99,7	96,4	81,0	48,4	15,7	79,9	306
	21-23											
TOTALS		100,0	100,0	100,0	99,9	98,1	91,3	78,4	57,0	32,0	81,6	4082

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34070 BAD KREUZNACH GER A Y AAF 59-70 NOV

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60	70	80	90		
NOV	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.9	75.8	39.0	87.0	91
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	97.4	82.3	47.0	88.6	843
	09-11	100.0	100.0	100.0	100.0	99.9	99.4	92.9	70.0	33.4	85.4	936
	12-14	100.0	100.0	100.0	100.0	99.6	94.7	78.8	50.0	18.5	79.8	898
	15-17	100.0	100.0	100.0	100.0	99.4	93.2	77.9	51.5	18.5	79.9	823
	18-2	100.0	100.0	100.0	100.0	100.0	97.8	92.4	70.9	30.9	84.4	223
	21-23											
TOTALS		100.0	100.0	100.0	100.0	99.8	97.5	89.7	66.8	30.2	84.2	3814

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

34070 BAD KREUZNACH GERMANY AAF 59-70 DEC

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60	70	80	90		
DEC	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	96.4	75.0	33.3	86.0	84
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	96.9	81.7	38.9	87.3	809
	09-11	100.0	100.0	100.0	100.0	100.0	99.7	93.5	72.2	31.1	85.2	958
	12-14	100.0	100.0	100.0	100.0	100.0	97.5	82.9	54.1	18.8	80.8	919
	15-17	100.0	100.0	100.0	100.0	99.4	96.7	83.2	59.3	19.5	81.3	811
	18-20	100.0	100.0	100.0	100.0	100.0	99.1	92.0	69.5	26.3	84.1	213
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	50.0	94.5	2
TOTALS		100.0	100.0	100.0	100.0	99.9	99.0	93.1	76.5	39.7	87.4	3797

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

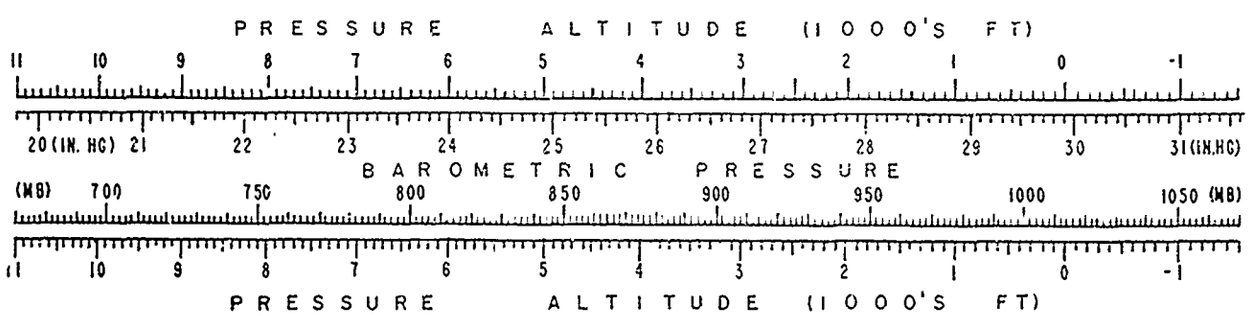
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



F

DATA PROCESSING DIVISI
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

34070 BA KREUZ ACM GER AIR AAF 59-63,65-70

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN			29,36				29,650						29,505
	S D													
	TOTAL OBS			1				1						2
04	MEAN							29,650						29,650
	S D													
	TOTAL OBS							1						1
07	MEAN	29,638	29,552	29,614	29,579	29,622	29,673	29,662	29,610	29,646	29,668	29,530	29,559	29,615
	S D	,318	,340	,298	,242	,180	,167	,165	,160	,195	,258	,299	,341	,254
	TOTAL OBS	213	194	260	256	260	261	272	291	277	294	262	234	3074
10	MEAN	29,649	29,559	29,629	29,585	29,623	29,673	29,662	29,616	29,657	29,687	29,553	29,589	29,624
	S D	,313	,335	,300	,243	,179	,167	,164	,156	,195	,259	,297	,352	,258
	TOTAL OBS	242	223	260	257	260	261	272	291	278	295	289	292	3220
13	MEAN	29,635	29,543	29,611	29,564	29,603	29,654	29,647	29,598	29,634	29,674	29,535	29,574	29,607
	S D	,312	,333	,296	,243	,179	,167	,165	,153	,191	,250	,300	,352	,256
	TOTAL OBS	224	207	242	244	250	252	259	279	267	280	270	271	3045
16	MEAN	29,632	29,523	29,586	29,541	29,579	29,635	29,628	29,582	29,614	29,656	29,517	29,585	29,591
	S D	,308	,327	,292	,238	,180	,166	,159	,150	,189	,245	,303	,349	,252
	TOTAL OBS	221	206	242	244	250	252	258	277	267	280	253	250	3000
19	MEAN			29,684	29,546	29,605	29,570	29,530	29,595	29,599	29,617	29,456	29,411	29,570
	S D			,293	,273	,167	,129	,119	,155	,211	,258	,370	,304	,239
	TOTAL OBS			31	48	31	30	48	62	62	62	30	27	431
22	MEAN				29,759			29,610		29,830			29,820	29,757
	S D				,109									,107
	TOTAL OBS				8			1		1			1	11
ALL HOURS	MEAN	29,639	29,544	29,613	29,568	29,607	29,656	29,645	29,602	29,636	29,669	29,522	29,573	29,608
	S D	,312	,333	,296	,243	,179	,166	,164	,155	,194	,256	,302	,348	,255
	TOTAL OBS	900	830	1036	1057	1051	1056	1112	1200	1152	1211	1104	1075	12784

USAFETAC FORM JUL 64 0 89-5 (OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

34070 RAS KABUZ ALM GERNA Y AAF 59-60,66-67

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
C1	MEAN													
	S D													
	TOTAL OBS													
C4	MEAN													
	S D													
	TOTAL OBS													
C7	MEAN	1018,8	1017,2	1017,2	1019,0	1017,6	1019,8	1016,7	1015,9	1017,5	1012,0	1015,8	1009,7	1016,6
	S D	6,106	11,157	9,494	7,446	7,519	5,783	4,975	5,421	6,351	7,956	11,071	11,909	7,890
	TOTAL OBS	30	28	31	56	56	72	87	88	84	60	49	31	672
10	MEAN	1019,5	1018,4	1017,9	1019,0	1017,4	1019,9	1016,7	1016,1	1017,8	1012,6	1016,9	1010,4	1017,0
	S D	6,327	10,946	9,089	7,463	7,527	5,658	4,778	5,245	6,424	8,065	10,771	12,019	7,803
	TOTAL OBS	30	27	31	56	56	72	87	88	84	60	55	31	677
13	MEAN	1018,9	1017,6	1017,5	1017,7	1015,9	1018,9	1016,1	1015,3	1016,7	1012,0	1016,1	1009,9	1016,0
	S D	6,480	11,051	8,743	7,444	7,311	5,678	4,802	5,195	6,248	8,018	10,834	12,077	7,762
	TOTAL OBS	29	27	31	51	51	68	82	85	81	59	50	31	645
16	MEAN	1018,7	1017,1	1016,4	1016,9	1014,9	1018,2	1015,4	1014,7	1015,9	1011,4	1015,4	1009,8	1015,4
	S D	6,621	10,389	8,669	7,308	7,593	5,735	4,746	5,200	6,235	8,035	11,289	12,543	7,769
	TOTAL OBS	29	27	31	51	51	68	82	85	81	60	48	31	644
19	MEAN				1021,9		1013,4	1012,3	1013,4	1016,8	1008,9			1013,7
	S D				3,121		5,442	3,922	5,481	5,478	7,901			6,497
	TOTAL OBS				14		16	31	31	31	31			154
22	MEAN				1023,5								1023,1	1023,4
	S D				3,758									3,517
	TOTAL OBS				8								1	9
ALL HOURS	MEAN	1019,0	1017,6	1017,8	1018,6	1016,5	1018,9	1015,9	1015,3	1017,0	1011,6	1016,1	1010,1	1016,1
	S D	6,308	10,750	8,911	7,246	7,562	5,851	4,886	5,317	6,255	7,950	10,917	12,003	7,779
	TOTAL OBS	118	109	124	236	214	298	369	377	361	270	202	125	2801

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